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A COMPREHENSIVE RAPID-ASSESSMENT-OF-FLUTTER / EJECTION-LOADS (RAFEL) SOFTWARE SYSTEM FOR AIRCRAFT / STORE COMPATIBILITY

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JANUARY 2002

PHASE I FINAL REPORT FOR THE PERIOD APRIL 2001 - JANUARY 2002

Approved for public release; distribution unlimited

DEPARTMENT OF THE AIR FORCE AIR ARMAMENT CENTER EGLIN AIR FORCE BASE, FL 32542-6864

20020227 225

REPORT DOCUMENTATION PAGE

Form Approved

OMB No. 0704-0188 Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. 3. REPORT TYPE AND DATES COVERED 2. REPORT DATE 1. AGENCY USE ONLY (Leave Blank) FINAL 14 APRIL 2001 - 16 JANUARY 2002 16 JAN 2002 5. FUNDING NUMBERS 4. TITLE AND SUBTITLE A COMPREHENSIVE RAPID-ASSESSMENT-OF- FLUTTER / EJECTION-LOADS (RAFEL) SOFTWARE SYSTEM FOR AIRCRAFT / STORE C F0863501-C-0049 **COMPATIBILITY** PHASE I, FINAL REPORT 6. AUTHOR(S) P. C. Chen, E. Sulaeman, and D. D. Liu, ZONA Technology, Inc.; 8. PERFORMING ORGANIZATION 7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) REPORT NUMBER ZONA Technology, Inc. 7434 E. Stetson Drive, Suite 205 **ZONA 02-06** Scottsdale, AZ 85251 Tel 480-945-9988 / Fax 480-945-6588 9. SPONSORING/MONITORING AGENCY(S) AND ADDRESS(ES) 10. SPONSORING/MONITORING AGENCY REPORT NUMBER Department of The Air Force Air Armament Center 205 West D Ave. Rm. 468 Eglin Air Force Base, FL 32542 - 6864 POC: Major Barron Canty, Tel 850-882-9820 x3212 11. SUPPLEMENTARY NOTES

12a, DISTRIBUTION/AVAILABILITY STATEMENT

12b. DISTRIBUTION CODE

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION UNLIMITED.

13. ABSTRACT (Maximum 200 words)

This report documents a design scheme for a rapid assessment of flutter and limit cycle oscillation of aircraft with multiple store configurations. Using the F-16A as a baseline aircraft, three different aeroelastic instability responses, including classical flutter, typical LCO, and non-typical LCO, have been successfully identified. These three distinct responses are representative of the broad spectrum of aeroelastic responses encountered by fighter aircraft with external stores. To rapidly compute the flutter prediction of the aircraft with multiple store configurations, a procedure is proposed to efficiently reuse the aerodynamic influence coefficient (AIC) matrices of aircraft with multiple stores. The procedure used the ZAERO code, that contains a unified aerodynamic module for all Mach numbers, as the basic software system. To discern the difference between the flutter and LCO responses, and to correlate the numerical predictions with the flight altitude, the matched point option of the g-method of ZAERO was used. The influence of the aerodynamic stores on the aeroelastic instability is investigated using a number of aerodynamic models, including the isolated wing-tip launcher model, and the whole aircraft with and without stores. Using a more refined aerodynamic model, the results show good agreement between the present numerical predictions and flight flutter test data, including the oscillation frequency and the onset speed of the three flutter and LCO cases.

14. SUBJECT TERMS	15. NUMBER OF PAGES		
Aircraft/Store Aerodynamic Inte	Influence Coefficient, Rapid	142	
Flutter Solution, Classical Flutte	er/Typical LCO/Non-typical LCO), Massive Aircraft/Store	16. PRICE CODE
Configurations, Database Manag	ry Database System	IO. FINOL CODE	
17. SECURITY CLASSIFICATION	19. SECURITY CLASSIFICATION OF THIS ABSTRACT	20. LIMITATION OF ABSTRACT	
OF REPORT			
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED	SAR

FOREWORD

This Phase I SBIR final technical report entitled "A Comprehensive Rapid-Assessment-of-Flutter / Ejection-Loads (RAFEL) Software System for Aircraft / Store Compatibility," has been prepared by ZONA Technology, Inc. (ZONA), under contract number FO 863501-C-0049, sponsored by The Department of The Air Force/Air Armament Center, Eglin Air Force Base, FL 32542. This report presents the findings as of January 16, 2002, from a research and development program begun April 16, 2001.

Mr. Ping-Chih Chen of ZONA was the Principal Investigator, Mr. E. Sulaeman and Dr. D.D. Liu of ZONA were co-principal investigators. Mr. Major Baron Canty and Dr. Charles M. Denegri Jr. of Eglin Air Force Base were the Government Technical Monitor. The author would like to thank Dr. Denegri for providing structural and aerodynamic data and for his valuable comments and suggestions throughout the course of this development.

This report documents the entire work under the Phase I effort. It is published for the dissemination of technical information. The findings and conclusions are those of the authors and do not necessarily represent the views of the United States Government. Distribution of this report shall be in accordance with the Distribution Statement of the Report Documentation page found on the cover hereof.

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ACRONYMS

AIC Aerodynamic Influence Coefficient

ASE Aeroservoelasticity

CFD Computational Fluid Dynamics

CFL3D High-level computational fluid dynamics code by NASA (Ref 19)

CPU Computional Processing Unit

DLM NASTRAN's code to generate steady/unsteady subsonic aerodynamics based

on a doublet lattice method.

DMAP Direct Matrix Abstraction Program

DMS Data Mining System

FEM Finite Element Model

GUI Graphical User Interface

LCO Limit Cycle Oscillation

MATLAB Matrix Laboratory (An interactive system and programming language for

general scientific and technical computation.)

MSM Massive Store Management

NASTRAN Structural FEM software product of MSC

PVM Parallel Virtual Machine Rapid Assessment of Flutter / Ejection Load RAFEL Store Database Generator **SDG** Unified Aerodynamic Influence Coefficient **UAIC** ZONA's aeroelasticity and unstable aerodynamic software system covering all Mach ranges including ZONA6, ZONA7, ZTAIC and ZONA7U for complex ZAERO aircraft configuration with external stores (Ref 6-10) **ZDM ZONA Dynamic Module ZONA** ZONA Technology, Inc. ZONA's code implemented in NASTRAN to generate steady/unsteady supersonic aerodynamics for complex aircraft configuration with external ZONA51 stores (Ref 4). Capable to handle only flat type configuration. ZONA's code to generate steady/unsteady subsonic aerodynamics for complex ZONA6 aircraft configuration with external stores (Ref 6) ZONA's code to generate steady/unsteady supersonic aerodynamics for ZONA7 complex aircraft configuration with external stores (Ref 7) ZONA's code to generate steady/unsteady unified hypersonic and supersonic ZONA7U aerodynamics for wing-body/aircraft configurations with external stores(Ref 8) ZONA's Transonic Aerodynamic Influence Coefficient code; Generates **ZTAIC** unsteady transonic aerodynamics for complex aircraft configuration (Ref 7)

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SECTION 1

INTRODUCTION

This final technical report describes the work performed by ZONA Technology, Inc. (ZONA) under an SBIR Phase I contract FO8635-01-C-0049, entitled "A Comprehensive Rapid-Assessment-of-Flutter/ Ejection-Loads (RAFEL) Software System for Aircraft /Store Compatibility".

The overall Phase I technical objective is to develop an accurate and computationally efficient software system for the aeroelastic solutions of massive number of aircraft/store configurations.

The F16 is selected as a baseline aircraft with the following specific objectives:

- 1. Investigate the accuracy of ZONA's Aeroelastic Software System (ZAERO) to predict aeroelastic instability of the F-16 aircraft with multiple stores for subsonic, transonic and supersonic Mach number.
- Investigate the capability of ZAERO to differentiate various types of aircraft/store aeroelastic instability behavior including classical flutter, typical limit cycle oscillation (LCO) and nontypical LCO.
- 3. Validate the accuracy of ZAERO aeroelastic system with the flight test data of three proposed F-16/store configurations (Table 1.1).
- 4. Using ZAERO as the basic software system, design a *Massive Store Management (MSM)* system that can substantially increase the computational efficiency of ZAERO.

In this Phase I effort, we have accomplished the following:

- Performed aeroelastic instability computation using ZAERO for a number of F-16 aircraft in subsonic, transonic and supersonic flight regimes and at various altitudes.
- Investigated the influence of various store aerodynamic models including underwing/tip launchers, weapons and fuel tank aerodynamic model to the aeroelastic behavior of the whole aircraft/store configurations.
- Investigated the influence of aircraft rigid body modes to the aeroelastic instability of various aircraft/stores configurations.
- Investigated the capability of linear and nonlinear unsteady aerodynamic procedures of ZAERO to differentiate various aeroelastic instability behavior including classical flutter, typical limit cycle oscillation (LCO) and non-typical LCO of F-16 aircraft with multiple stores.
- Investigated the correlation between the flight test data of the three proposed F-16/store configurations and the aeroelastic response computed using ZAERO.
- Designed the Massive Store Management (MSM) system as a platform to the rapid aeroelastic prediction (RAFEL) scheme based on the ZAERO aeroelastic system for the assessment of flutter/LCO of massive aircraft/store configurations.

To validate the accuracy of the present procedure, three configurations of F-16A Block 15 given in Reference 1 are selected and shown in the following Table.

Sta.	Aeroelastic Response Type				
No.	Case 1 Classical Flutter	Case 2 Typical LCO	Case 3 Non-typical LCO		
1	LAU-129/A launcher	LAU-129/A launcher	16S210 launcher		
2	Empty Station	LAU-129/A launcher AIM-9L missile	LAU-129/A launcher AIM-9L missile		
3	Launcher/pylon Air-surface missile	Launcher/pylon Air-surface missile	Launcher/pylon AIM-120A missile		
4	Empty Station	Pylon 370-gal fuel tank (empty)	Pylon 370-gal fuel tank (empty)		
Front View	STATION NO. 4 3 2 1	STATION NO. 4 3 2 1 1 1 1 370 TK (EEEE)	STATION NO. 3 2 1 370 TK (EEEE)		

Table 1.1 F-16A Store Configurations.

1.1 Background

Flutter clearance of a modern fighter aircraft with massive store/weapon configuration is a major engineering task in aircraft/store weapon compatibility. This task requires expedient and yet accurate solutions in a short-time framed demanded by rapid military responses when facing today's ever-changing international situation. Since there can be more than 400,000 store/weapon combinations for a typical fighter aircraft, the flutter clearance for such configuration requires not only the solution accuracy but also computational efficiency to rapidly identify the critical cases. The procedure is needed also to identify a wide variety of aeroelastic response characteristics including flutter, divergence and limit cycle oscillation.

1.2 Limit Cycle Oscillation (LCO) of Wing with External Stores

Limit Cycle Oscillation (LCO) has been a persistent problem on several current fighter aircrafts and is generally encountered with external store configurations. Denegri (Ref 2) provided a detailed description of the aircraft/store LCO phenomenon. Norton (Ref 3) gave an excellent overview of LCO of fighter aircraft carrying external stores and its sensitivity to store carriage configuration and mass properties.

LCO can be characterized as sustained periodic oscillations which neither increase nor decrease in amplitude over time for a given flight condition. Using a refined aerodynamic model of the aircraft and stores, ZONA (Chen, Sarhaddi and Liu – Ref 4) has shown that wing/store LCO is a post-flutter phenomenon whenever the flutter mode contains low unstable damping. This type of flutter mode is called "hump mode". Since the aircraft structure usually contains structural nonlinearity such as friction damping, this amplitude-dependent friction damping can stop the growth of amplitude (due to flutter), thus the structural system would result in steady-state oscillation. This is known as LCO. By contrast, a typical flutter mode is a result of growth of amplitude largely due to destabilizing negative aerodynamic damping, hence a drastic increase in damping beyond the neutral stability point, or the flutter point (g = 0). A typical flutter mode and hump mode are shown in Figure 1.1.

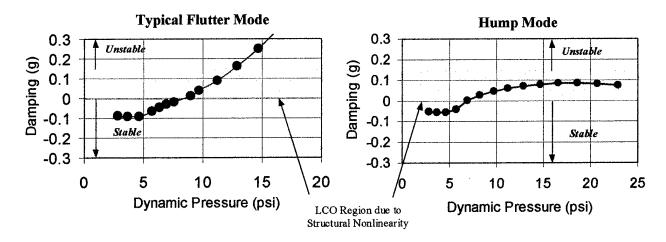


Figure 1.1 Typical Flutter Mode and Hump Mode by Flutter Analysis

Admitting nonlinear friction damping, Denegri (Ref 5) also showed consistent trends that hump mode can be used to correlate the flutter solutions with LCO flight test data of F-16's. Since the structural characteristic varies for different aircraft/store configurations, it is unlikely that the fixed-gain type of control system would work for wing/store LCO suppression in general. It appears that an adaptive controller with an online system identification process would be most appropriate for LCO suppression of a wide range of aircraft/store configurations.

1.3 Technical Issues and Challenges

Rapid assessment of flutter/LCO of aircraft with multiple stores presents challenging problems to be resolved. Several pertinent technical issues are addressed as follows.

 Solution Accuracy Including Algorithm Robustness, Modeling Fidelity, and Extended Flight Regimes

Current engineering analysis enjoys sufficient accuracy provided by the structural finite element (FEM) methodology. But a compatible level of accuracy provided by unsteady

aerodynamics for flutter/ejection loads is lacking. This calls for an unsteady aerodynamic method that can deal with complex configurations such as a whole aircraft with external stores in all flight regimes including subsonic, transonic and supersonic Mach numbers, and with sufficient solution accuracy.

Computational Efficiency for Massive Store/Aircraft Combinations

CFD has become an accurate tool for aerodynamic analysis/design. Recognized by experienced aeroelasticians, however, unsteady CFD is far from being an efficient tool for aircraft aeroelastic analysis, let alone for the massive store/aircraft aeroelastic requirement. Using the CFL3D code (Ref 2), ZONA's recent study shows that it requires 4 days of computing time to complete a transonic LCO study on a 1 GHz computer of a twodimensional (2-D) airfoil (Ref 3). The requirement to process 2000 flutter configurations in two weeks is a stringent one. Since unsteady CFD is out of the question, one resorts to the well-practiced unsteady-aerodynamics computational procedure called AIC (Aerodynamic The merit of AIC matrix is that it will provide the Influence Coefficient) matrix. corresponding unsteady aerodynamics (in frequency domain) to a fixed aerodynamic configuration, but can couple with alternative structural arrangements. The AIC, and hence the unsteady aerodynamics, is computed once and for all and can be re-used for repetitive aeroelastic computations. For slightly different aerodynamic configurations such as the same aircraft with different stores, only a small subset (sub-matrix) of the AIC matrix needs to be regenerated.

• Rapid Selection for Critical Flutter, LCO and Ejection Loads

This calls for an automated *data mining system* that can search for and identify the critical flutter, LCO and ejection loads through the data set generated by massive flutter/ejection load analyses. In addition, this data mining system must be able to recognize an LCO case from the flutter-solution cases, to identify the severity of the flutter instability, to compute the sensitivity of the flutter/LCO to the change of flight speed, and to provide recommendations regarding the need of additional flight test to confirm the software predictions.

1.4. Overall Design Strategy

It appears that the newly released ZAERO aeroelastic software system is a viable methodology to answer all the above technical challenges. ZAERO is a comprehensive aeroelastic software system which contains over a dozen modules for arbitrary aircraft configurations with complex store/weapon combination. Application of ZAERO for the rapid assessment of the aircraft/store aeroelastic instability can be constructed based on the following two parts:

• The off-line analysis. In this stage, the most time consuming computation of the unsteady aerodynamic and structural finite element data base of the aircraft/store are generated. Only the portion invariant to the changes in the store configuration is generated. For a typical flutter calculation of the aircraft/store, the invariant portion of the aerodynamic data base can be as large as 95% ~ 99% of the total aerodynamic data required. This off-line analysis stage

- can be performed independent of any store configuration. The generation of the database in the off line analysis clearly will reduce the computational time significantly.
- The on-line analysis. In this stage only small portion of the calculation is needed to generate the aerodynamic data associated with the variation of the store configurations.

1.5 Required Software Tools

Two engineering disciplines in terms of software tools are employed for the present study, namely MSC/NASTRAN and ZAERO. MSC/NASTRAN is used to perform the structural finite element (FEM) analysis and to generate the generalized mass and stiffness matrices as well as mode shapes of the aircraft structure. ZAERO is ZONA's commercialized aeroelastic software system that integrates the essential disciplines required by aeroelastic and aeroservoelastic design/analysis.

SECTION 2

COMPREHENSIVE RAPID-ASSESSMENT-OF-FLUTTER/EJECTION-LOADS (RAFEL) SOFTWARE SYSTEM

The RAFEL software system consists of three sub-systems: an invariant unified aerodynamic influence coefficient (UAIC) submatrix generation system, a Massive Store Management (MSM) system, and a data mining system. The core of the RAFEL system is the ZAERO aeroelastic system which is used as a tool to generate the AIC matrix and solve the aeroelastic system of equations. A detailed description of ZAERO is presented first in the next section, followed by the application of ZAERO in the RAFEL system.

2.1 ZAERO - An Engineer's Toolkit for Aeroelastic Solutions

ZAERO is ZONA's aeroelastic software system that integrates the essential disciplines required by aeroelastic and aeroservoelastic design/analysis (Ref 17). Figure 2.1 illustrates six essential modules in ZAERO that consist of five engineering modules namely the Unified AIC (UAIC), 3-D spline, flutter, aeroservoelasticity (ASE) and transient loads modules and a memory and database management system called the ZDM module.

The functionality of the ZDM (ZONA Dynamic Memory and Database Management System) module is equivalent to the DMAP/GINO system of MSC/NASTRAN. The entire ZAERO program architecture is developed based on the ZDM module that controls the input/output data entities of all engineering modules. The ZDM module will also serve as a basic database system for the development of the proposed massive-store management system. Throughout the years, all of the ZAERO modules have been continuously validated by many test cases ranging from the verification with exact solutions for simple geometries to the comparison with experimental or CFD data for complex configurations. The main features of these five modules now follow.

The UAIC Module

The UAIC module shown in Figure 2.1 consists of four unsteady aerodynamic methods, namely ZONA6, ZTAIC, ZONA7 and ZONA7U, which jointly provide a Unified Aerodynamic Influence Coefficient (UAIC) matrix covering all Mach numbers for complex aircraft/store configurations. By contrast, MSC/NASTRAN contains only the DLM method for subsonic flows and the ZONA51 method for supersonic flow and can only handle flat-plate type configurations. Note that ZONA51 method (Ref 4) in MSC/NASTRAN is a ZONA software product for supersonic lifting surface unsteady aerodynamics that has been integrated into the aeroelastic option of MSC/NASTRAN since 1990. Today, ZONA51 has become the industrial standard method for supersonic lifting surface unsteady aerodynamics with over 120 users worldwide. The features of these four unsteady aerodynamic methods in the UAIC module are:

- ZONA6 (Ref 5):
- generates steady/unsteady subsonic aerodynamics for wing-body/aircraft configurations with external stores/nacelles including body wake effects.
- ZTAIC (Ref 6):
- generates unsteady transonic (modal) AIC's using externally-provided

steady mean pressures.

- ZONA7 (Ref 7): generates steady/unsteady supersonic aerodynamics for wing-

body/aircraft configurations with external stores/nacelles (formerly

ZONA51 for lifting surfaces).

- ZONA7U (Ref 8): generates steady/unsteady unified hypersonic and supersonic

aerodynamics for wing-body/aircraft configurations with external

stores/nacelles.

Among these four methods, the transonic code ZTAIC is capable of predicting the "transonic dip" associated with flutter boundary of fighters. While using steady pressure input (provided by measurements or a CFD Navier-Stokes Solver), the ZTAIC method solves the transonic small disturbance equation for unsteady aerodynamics. Unlike typical CFD methods, ZTAIC does not require grid generation. Because of the accurate steady pressure input, the correct unsteady shock location and strength computed by ZTAIC are ensured. This can be seen by the excellent correlation between ZTAIC prediction and wind tunnel test data of the AGARD 445.6 transonic flutter boundary (Figure 2.2) and the unsteady pressure distribution of the oscillating Lessing wing (Figure 2.3).

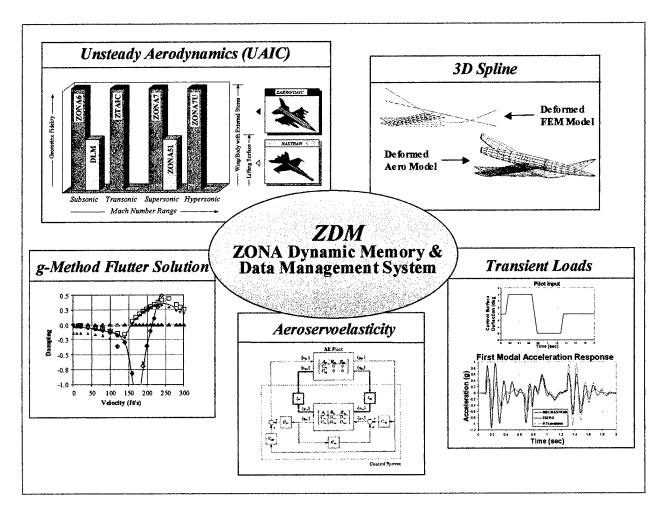


Figure 2.1 Six Essential Modules in ZAERO.

As discussed earlier, due to the pure-aerodynamic characteristics of the AIC matrix, the UAIC matrices generated by the UAIC module can repeatedly be used when changes in different structural properties or slightly different aerodynamic configurations are needed in aeroelastic analysis/design. This renders ZAERO a computationally efficient tool for massive flutter analysis.

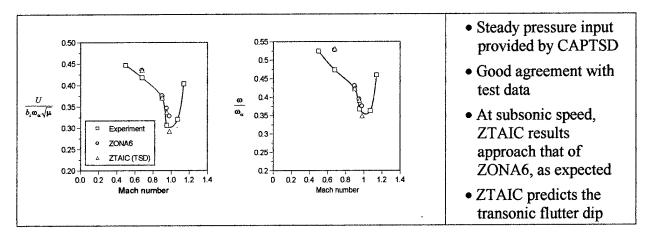


Figure 2.2 AGARD Standard 445.6 Wing.

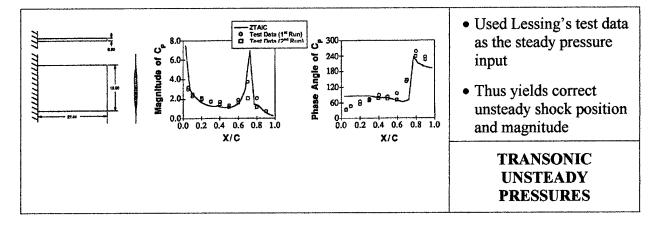


Figure 2.3 Lessing Wing in First-Bending Oscillation (M=0.9, k=0.13, η =0.5 x span).

The 3-D Spline Module

For low fidelity unsteady aerodynamic methods like DLM, the Infinite Plate Spline (IPS, Ref 9) is sufficient for the transferal of data between the structural and aerodynamic models. To perform the data transferal for high fidelity modeling of an entire aircraft/store configuration requires a 3-D spline capability. The 3-D spline module of ZAERO is equipped with an improved 3-D Thin Plate Spline (TPS, Ref 10) method that provides the displacements and loads in six degrees of freedom at each structural and aerodynamic grid point. The 3-D spline module can also be used to generate a deformed aerodynamic model to verify the spline input by graphical visualization. A typical graphical display of a deformed wing-body configuration is shown in the 3-D spline module diagram of Figure 2.1.

The Flutter Module/g-Method

The flutter module consists of two flutter solution techniques; the K-method and the g-method. The g-method is a ZONA's newly developed flutter solution method (Ref 11) that generalizes the K-method and the P-K method for true damping prediction. The g-method is superior to the P-K method by the following merits.

- True Damping Prediction
 - The theoretical foundation of the true-damping prediction capability of the g-method is based on the inclusion of a first-order aerodynamic damping term in the flutter equation that is rigorously derived from the Laplace domain aerodynamics. Such a true-damping prediction capability is lacking in the K-method and P-K method.
- Solution Robustness: the g-Method

 The g-method utilizes a reduced frequency sweep technique to search for the roots of the flutter equation and a predictor-corrector scheme to ensure the robustness of the sweep technique. The P-K method typically requires an iterative procedure for flutter solutions and occasionally suffers from a solution breakdown. By contrast, the g-method's sweep technique is proven to be efficient and robust and can obtain an unlimited number of aerodynamic lag roots. The inclusion of aerodynamic lag roots can provide important physical insight of the flutter solutions.
- Match-Point Flutter Solutions

 The generalized formulation of the g-method (as opposed to the K-method and the P-K method) provides an automated matching feature of the flutter solution that satisfies the Mach number-velocity-density relations of a given atmospheric table.

Therefore, with the g-method built in, the flutter module in ZAERO can further be developed as an effective *data mining system* to search for critical flutter, LCO and ejection load cases. This is attributable to:

- Its true damping prediction can accurately identify the severity and sensitivity of the flutter instability. With a nonlinear structural damping criteria which will be shown in the later section, the g-method solution can be used to recognize an LCO case from the flutter-solution cases.
- Its match-point flutter solution feature avoids an additional iterative procedure between the densities and velocities which is normally required by a non-match-point flutter solution procedure. Therefore, the match-point flutter solution can be directly correlated with flight test data.
- Its reduced frequency sweep technique can ensure the robustness of an automated data mining system which would not work with an unreliable P-K method.

In addition, the ZAERO/flutter module has an existing capability for rapid flutter solutions of aircraft with different inertial properties (for instance, the fuel weight variations). This capability utilizes a so-called "mass increment technique" which perturbs the following flutter equation with incremental mass ΔM , i.e.

$$\phi^{T} (M + \Delta M) \phi \ddot{q} + \phi^{T} k \phi q = q_{\infty} Q(ik) q \qquad (2.1)$$

where:

 $\phi^T M \phi$ and $\phi^T k \phi$ are the generalized mass and stiffness matrices, respectively, of the baseline aircraft.

 $q_{\infty} Q(ik)$ is the generalized aerodynamic force, q is the generalized modal coordinate, ϕ is the mode shapes of the baseline aircraft, and

 ΔM is the incremental mass added to (or subtracted from) the baseline aircraft, e.g., increase (or decrease) of fuel in the tank.

The validity of Eq (2.1) lies in the fact that the flutter mode of the aircraft with the incremental mass can be expressed by the mode shapes of the baseline aircraft (without incremental mass) if a sufficient number of modes are used. This also implies that solving Eq (2.1) does not require additional FEM and unsteady aerodynamic analysis because all matrices in Eq (2.1) remain unchanged except ΔM , an input parameter.

Some ZAERO users have adopted the mass increment technique to accelerate the massive store screening process by also ignoring underwing store aerodynamics. In this way, a very fast procedure results for flutter solution generation of thousands of store configurations by using only one set of AIC and FEM solutions. This procedure can be used as a preliminary step to compliment the MSM procedure for rapid screening of critical flutter cases. ZONA has implemented this procedure as an option in the RAFEL system.

2.2 Application of ZAERO to RAFEL Software System

The RAFEL software system consists of three sub-systems: an invariant unified aerodynamic influence coefficient (UAIC) submatrix generation system, a Massive Store Management (MSM) system and a data mining system.

2.2.1 Invariant UAIC Submatrices for Store/Aircraft Configurations

The unified Mach number Aerodynamic Influence Coefficient (UAIC) matrix generated by the ZAERO/UAIC module is a pure aerodynamic entity and is independent of the structural properties. For a given aircraft with multiple stores, this UAIC (at a given Mach number and reduced frequency pair) can be partitioned into five different kinds of submatrices, i.e.

$$[UAIC] = \begin{bmatrix} A_{aa} & A_{s_1a} & A_{s_2a} \\ A_{as_1} & A_{s_1s_1} & A_{s_2s_2} \\ \hline & \ddots & \\ A_{as_i} & A_{s_1s_i} & A_{s_is_i} \end{bmatrix}$$

$$(2.2)$$

 A_{aa} is the aircraft-to-aircraft aerodynamic submatrix $A_{s_is_i}$ is the ith store-to- ith store aerodynamic submatrix A_{s_ia} is the ith store-to-aircraft aerodynamic submatrix

 A_{as_i} is the aircraft-to- ith store aerodynamic submatrix, and $A_{s_is_j}$ and $A_{s_js_i}$, where i \neq j, represents the store-to-store aerodynamic submatrix between each two different stores.

The only submatrices in Eq (2.2) that need to be newly computed are the store-to-store submatrices (shaded areas in Eq 2.2) $A_{s_is_j}$ and $A_{s_js_i}$, where $i \neq j$. Clearly, the self-influence submatrices A_{aa} and $A_{s_is_i}$ shown above are invariant as long as their own aerodynamic shapes remain the same. For a given type of store designated to a fixed weapon-carriage station, it can be seen that A_{s_ia} and A_{as_i} are also invariant since the store-carriage stations with respect to a designated aircraft remain fixed. This implies that the submatrices A_{aa} , $A_{s_is_i}$, A_{s_ia} , and A_{as_i} can be pre-computed and saved in a database. For a given new store arrangement, these submatrices need not be re-computed, rather they can be retrieved from the database. In so doing, the computing effort of the total UAIC matrix generation can be substantially reduced. In fact, the proposed Massive Store Management (MSM) software system is constructed according to this proposed procedure which will be discussed in the next section.

2.2.2 The Total RAFEL Software Architecture

Figure 2.4 depicts the total software system architecture for massive flutter, LCO, ejection load analysis and the critical case selection. This software system consists of three subsystems: an invariant UAIC submatrix generation system, a Massive Store Management (MSM) software system, and a data mining system.

Invariant UAIC Submatrix Generation System

The functionality of this system is to generate the A_{aa} , $A_{s_is_i}$, A_{s_ia} , and A_{as_i} invariant UAIC submatrices, where i = 1, ..., n, and n represents the number of all available stores with their associated weapon-carriage stations. The generation of these invariant submatrices is based on the assumption that the designated aircraft has fixed weapon-carriage stations. For instance, the F-16 aircraft shown in Part 1 of Figure 2.4 has 9 weapon-carriage stations. Every station has a set of candidate stores to be carried.

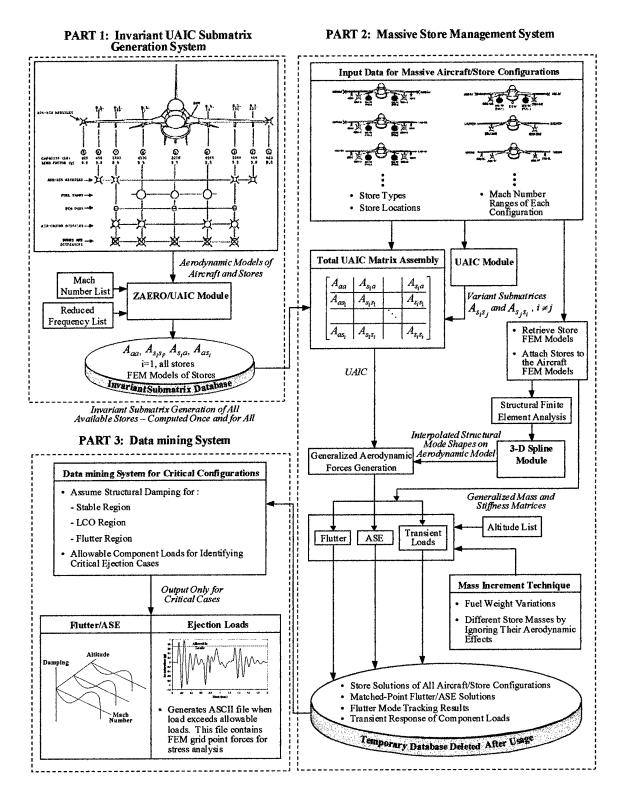


Figure 2.4 The Total RAFEL Software Architecture.

To design the invariant UAIC submatrix generation system, we first provide each store a label called the "store label" which marks the store and its designated weapon-carriage station. Note that a different store label is assigned for the same store located at different stations. Next, the

ZAERO/UAIC module is employed to generate the UAIC submatrices $A_{s_is_i}$, A_{s_ia} and A_{as_i} of all stores and save these submatrices in a database. Because the aircraft-to-aircraft submatrix A_{aa} is independent of stores, it only needs to be computed once. Note that each of the invariant matrix is also a function of Mach number and reduced frequency. These Mach numbers and reduced frequencies can be pre-selected according to the flight envelope of the designated aircraft and its structural characteristics. Clearly, to generate the above database that contains the invariant submatrices of all stores requires a large computing time. However, since these submatrices are computed once and for all, this long computing time should be considered as off-line data preparation and hence should not influence the efficiency of the subsequent massive store/aircraft aeroelastic analysis. Of course, if a new store is added to the list, its associated submatrices need to be newly computed in this manner and added to the database.

Massive Store Management System

The Massive Store Management (MSM) system is essentially a database management system for the total UAIC matrix assembly. For a given aircraft with multiple store configuration, the MSM system first retrieves the invariant submatrices from the database. Next, it activates the ZAERO/UAIC module to compute all variant submatrices. Finally, it assembles the invariant and variant submatrices together and generates the total UAIC matrix. Once the total UAIC matrix is obtained, the remaining tasks for an aeroelastic analysis are performed by the existing ZAERO engineering modules, as shown in Part 2 of Figure 2.4.

The 3-D spline module reads the output of the structural finite element analysis of the given aircraft/store configuration and computes the interpolated mode shapes on the aerodynamic model. Once these mode shapes and the total UAIC matrix are available, the generalized aerodynamic force matrices can be obtained immediately for an aeroelastic analysis, i.e. flutter, ASE or transient load analysis. This analysis is performed at various altitudes, and the solution at every Mach number and altitude pair is a matched-point solution.

It should be noted that the MSM system is a fully automated process. For a given aircraft/store configuration, the input of the MSM system (e.g., the one shown in Part 2 of Figure 2.4) is the store label of each store and the Mach number range of interest. Since this constitutes a small amount of input, it takes little effort to set up an input file for a massive number of aircraft/store configurations. The MSM system continuously processes each configuration and stores its aeroelastic solutions on a temporary database. Thus, once the MSM system is activated, manual interaction from the engineer is no longer required.

Data Mining System

The main objective of the data mining system is to rapidly screen through the temporary database generated by the MSM system and to select the critical flutter, ASE, or ejection load cases for output display. The inputs of the critical flutter/ASE cases are the assumed structural damping levels that define three stability regions, namely the stable region, the LCO region, and the flutter region. The data mining system screens through all the damping solutions at every Mach number and altitude (M-h) pair for a particular aircraft/store configuration. If the damping

solutions at all M-h pairs are below the stable region, this configuration is classified as non-critical configuration and no output is displayed. If the damping solutions are above the stable region, a three-axis graphical file is generated which can display the damping solutions vs. Mach numbers and altitudes, as the one shown in Part 3 of Figure 2.4. The regions in the graphical display where the damping solutions exceed the LCO region are highlighted. A similar display for the frequency solution is also generated. It should be noted that since all flutter results generated by the g-method and the ASE analysis are matched-point solutions with true damping values, these results can be directly correlated with the flight test data. The time history shown in Part 3 of Figure 2.4 is a typical output in terms of component loads of the ejection load analysis. Again, only those configurations whose transient loads exceed the specified allowable loads are displayed. The corresponding region which exceeds the allowable loads will also be highlighted in the display.

2.2.3 Store-Aircraft Finite Element Modal Analysis Adopting the MSM System

To generate structural finite element models of massive number of aircraft/store configurations is a very time consuming task. However, the massive store management (MSM) system can be adopted to also automatically generate the finite element models. This is very similar to, but simpler than the UAIC matrix assembly process. While saving the UAIC submatrices, the finite element models of each store including the grid locations, connectivity and material properties are also saved on the database. For a given aircraft/store configuration, the MSM system retrieves all the store finite element models from the database and attaches them to the aircraft finite element model, then subsequently launches a finite element analysis. The output of this analysis will be directly imported to the ZAERO/3-D spline module for an aeroelastic analysis.

2.2.4 Design of a Database for the MSM System

The ZAERO/ZDM module (ZONA Dynamic Memory and database management system) will be adopted as the basic database management system for the MSM system. Among many other features, the ZDM has two data entity managers that are especially important to the efficiency of the MSM system.

Matrix Entity Manager

The matrix entity manager is designed to store and retrieve very large, often sparse, matrices. It minimizes disk storage requirements while allowing algorithms to be developed that can perform matrix operations of virtually unlimited size.

Relational Entity Manager

Relational entities are essentially tables. Each relation has data stored in rows (called entries) and columns (called attributes). Each attribute is given a descriptive name, a data type, and constraints on the values that the attributes may assume (i.e., integer, real or character data). These definitions are referred to as the schema of the relation.

Clearly, the minimum disk storage capability of the matrix entity manager not only increases the efficiency of saving and retrieving matrices, but also reduces the required disk size of the computer.

The relational entity manager can be used as a file system manager. For instance, the "store label" can be defined as an attribute in a relational data entity. The data addresses in the database of the UAIC matrices and the finite element models can be stored in other attributes. Once the relational data entity is established, the data address of each store in the database can rapidly be located and subsequently retrieved by the matrix entity manager.

SECTION 3

SELECTED TEST CASE DATA

3.1 Flight Test Data

Three F-16 with store configurations adopted from Ref 1 are selected as the test cases of the proposed software system. Reference 1 described that the aircraft is an F-16A, tail number 80-0573. This aircraft is a Block 15 F-16 modified for flutter testing. The store configurations and their associated F-16 weapon-carriage stations are presented in Table 3.1. A more detailed store mass properties and store attachment reference points are given in Tables 3.2 and 3.3. These data are taken from Ref 1 and used in the present work as the basis for modeling the structural finite element data and aerodynamic panel of the three configurations.

According to Ref 1, the three store configurations experienced different aeroelastic instabilities in flight tests; classified by Ref 1 as classical flutter, typical LCO and non-typical LCO. The measured flight test response for these cases are given in Figs 3.1-3.3. These data are also adopted from Ref 1 and used in the present work to correlate the numerical predictions with the flight test data. Because of their distinct aeroelastic instabilities, these three store configurations are the ideal test cases of the present procedure.

Aeroelastic Response Type Sta. Case 1 Case 2 Case 3 No. Non-typical LCO **Classical Flutter Typical LCO** LAU-129/A launcher LAU-129/A launcher 16S210 launcher 1 LAU-129/A launcher LAU-129/A launcher 2 **Empty Station** AIM-9L missile AIM-9L missile Launcher/pylon Launcher/pylon Launcher/pylon 3 AIM-120A missile Air-surface missile Air-surface missile **Pylon** Pylon 4 **Empty Station** 370-gal fuel tank (empty) 370-gal fuel tank (empty) STATION NO. STATION NO. STATION NO. 2 Front View Air-Surface Missile

Table 3.1 Store Configurations.

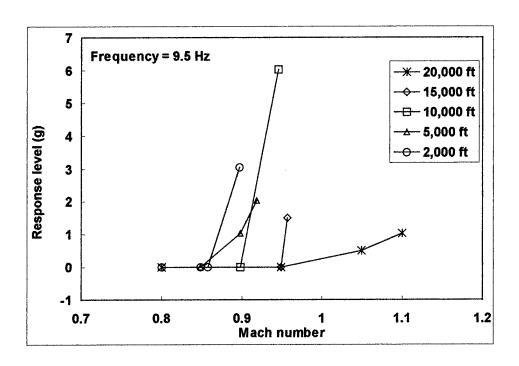


Figure 3.1 Measured Oscillatory Wingtip Response of Flight Test for Classical Flutter Configuration.

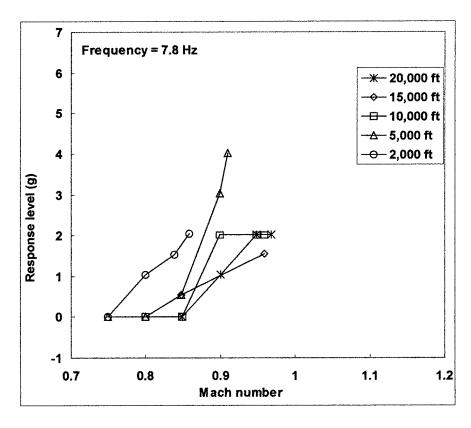


Figure 3.2 Measured Oscillatory Wing Tip Response of Flight Test for the Typical LCO Configuration.

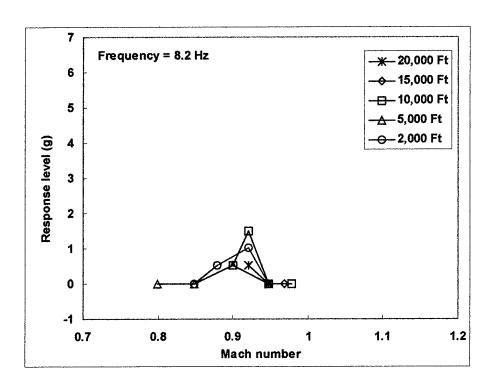


Figure 3.3 Measured Oscillatory Wing Tip Response of Flight Test for the Non-Typical LCO Configuration.

Table 3.2 Store Mass Properties (Taken from Reference 1).

	Weigh t	Center of Gravity			Moment of Inertia, slug ft ²		
Store	(lbs)	x, in	y, in	z, in	Roll	Pitch	Yaw
Air-surface missile	502.0	-14.58	0.00	-25.00	1.76	139.87	140.00
AIM-9L missile	200.0	-21.10	0.00	-17.50	0.42	51.00	51.00
AIM-120 missile	345.0	-14.73	0.00	-25.00	0.65	96.65	96.59
LAU-129/A wing tip launcher	88.0	-13.72	2.88	0.00	-	13.86	13.86
LAU-129/A underwing launcher	88.0	-13.72	0.00	-14.50	-	13.86	13.86
16S210 wingtip launcher	69.0	-15.28	3.60	0.00	-	11.68	11.68
Launcher/Pylon	138.0	-3.60	0.00	-11.00	1.46	14.35	13.55
370-gal fuel tank (empty)	438.5	-8.37	0.00	-18.22	17.12	176.11	165.69

Table 3.3. Store Attachment Reference Points (Taken from Reference 1)

Station	Location	Type	x, in	y, in	z, in
1	Wing Tip	Missile	380.46	180	0
2	Underwing	Missile	375.72	157	0
3	Underwing	Weapon	349.67	120	0
4	Underwing	Fuel Tank	325.40	71	0

3.2 Overall Computational Strategy

To investigate the influence of store configurations on the aeroelastic instability and, more importantly, to study the differences between the classical flutter, typical LCO and non-typical LCO, a number of aeroelastic instability analysis were conducted in the present work as follows:

- (1) Three structural finite element models of the F16/store as described in Table 3.1 are used.
- (2) For each of the three cases above, three aerodynamic models were used including the wing with tip launcher, the whole aircraft without store, and the whole aircraft with stores.
- (3) Two flutter calculation procedures were conducted using linear and nonlinear unsteady aerodynamic methods.
- (4) The calculations were performed to two structural dynamic models: the structural models with and without rigid body modes.
- (5) The flutter results were presented based on two structural damping assumptions : g = 0% and g=1.0%.
- (6) To investigate the correlation of the flutter calculations with the flight test data, the flutter results were presented for five altitudes, including sea level, 5 kft, 10 kft, 15 kft, and 20 kft.

3.3 Structural Finite Element Data

The structural finite element model for each of the three cases is shown in Fig 3.4. Symmetric modes were not considered in the present analysis since the it was known from the flight test results that the actual instability were anti-symmetric. However, the computational codes, including MSC/NASTRAN and ZAERO, are applicable to a more general case, *i.e.* symmetric, anti-symmetric and asymmetric configurations.

The natural frequencies for the whole aircraft with stores of each case are given in Table 3.2. The NASTRAN data needed to generate the natural frequencies and mode shapes are given in Appendices A, B, and C for the classical flutter, typical LCO and non-typical LCO cases, respectively. These natural frequencies and mode shapes are used in the present flutter/LCO predictions as described in the next three sections.

Table 3.4 Natural Frequencies of F-16A (with Rigid Body Modes).

	Natural frequency (Hz)					
Mode Shape	Case 1 Classical Flutter	Case 2 Typical LCO	Case 3 Non-typical LCO			
1	0.0	0.0	0.0			
2	0.0	0.0	0.0			
3	0.0	0.0	0.0			
4	9.01	7.74	8.16			
5	9.91	8.10	8.36			
6	12.03	9.77	10.71			
7	12.20	10.93	11.58			
8	13.61	11.97	12.60			
9	15.69	12.42	13.99			
10	17.41	13.74	14.84			
11	20.71	15.19	15.52			
12	29.59	17.23	17.70			
13	29.76	19.53	19.90			
14	33.94	22.19	22.44			
15	36.45	24.00	23.93			
16	39.68	26.09	26.60			
17	41.79	29.75	29.96			
18	44.05	30.55	31.72			
19	44.92	31.58	32.36			

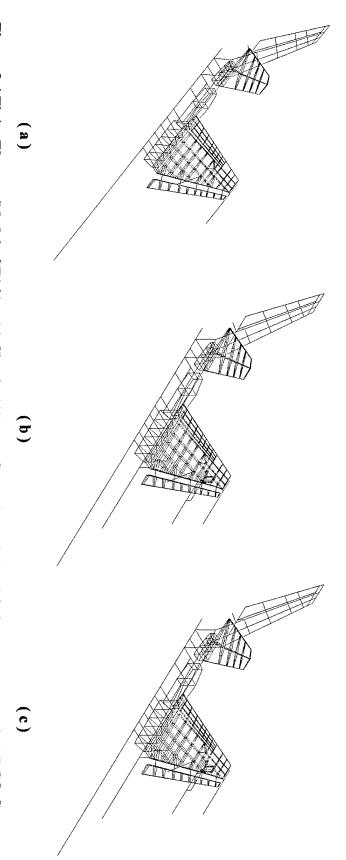


Figure 3.4 Finite Element Model of F16A – (a) Classical Flutter Case (b) Typical LCO Case, (c) Non-typical LCO Case.

3.4 Aerodynamic Model

Three aerodynamic models (Figure 3.5) are generated for each of the three F16/store configurations as follows:

- Model 1: Wing with tip launcher only
- Model 2: Whole aircraft without under stores
- Model 3: Whole aircraft with stores.

The aerodynamic influence coefficient is calculated based on two different methods: linear and nonlinear unsteady aerodynamics. The linear aerodynamic methods are ZONA6 and ZONA7 for subsonic and supersonic flows, respectively. The nonlinear aerodynamic method is ZONA Transonic Aerodynamic Influence Coefficient (ZTAIC) method. These three aerodynamic codes are the essential parts of ZAERO to generate the AIC of the whole configurations, including fuselage, wing, empenage and stores.

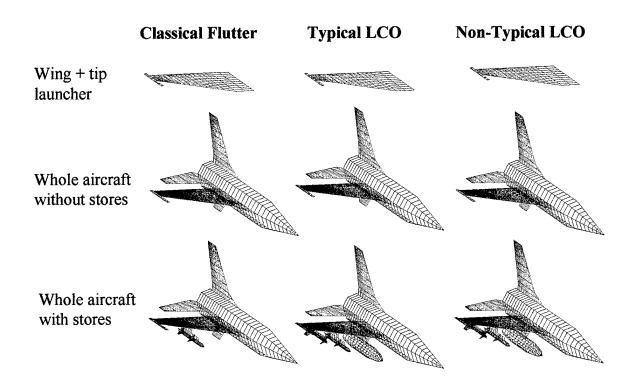


Figure 3.5 Aerodynamic Models of F-16/Store

3.5 Steady Transonic Aerodynamic Data

The steady transonic aerodynamic data in the present work was supplied by Denegri of Eglin Air Force Base for five Mach numbers, including M = 0.8, 0.90, 0.95, 0.98, and 1.05. The pressure distribution for the wing lower and upper surfaces of each Mach number are shown in Figure 3.6.

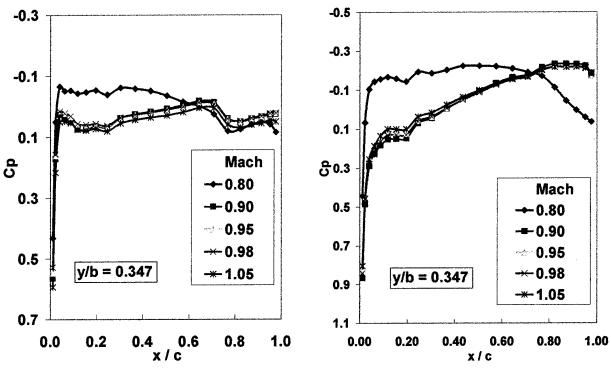


Figure 3.6a Cp Distribution at y = 0.347 b.

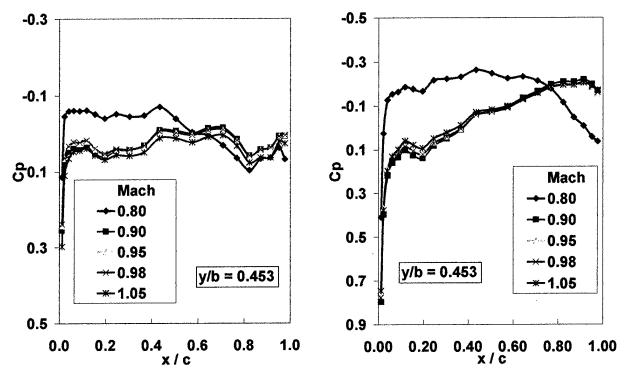


Figure 3.6b Cp Distribution at y = 0.453 b.

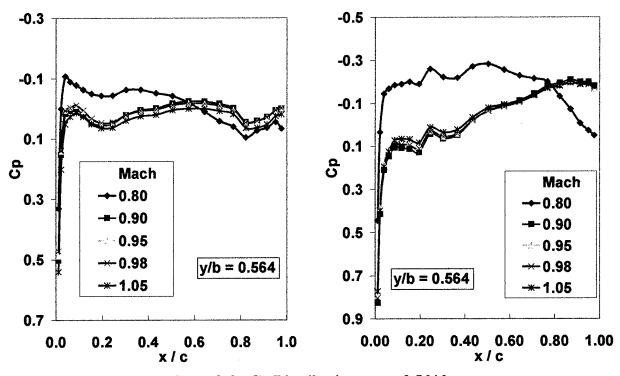


Figure 3.6c Cp Distribution at y = 0.564 b.

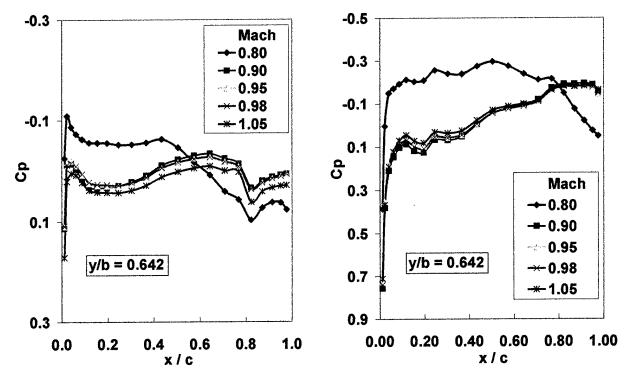


Figure 3.6d Cp Distribution at y = 0.642 b.

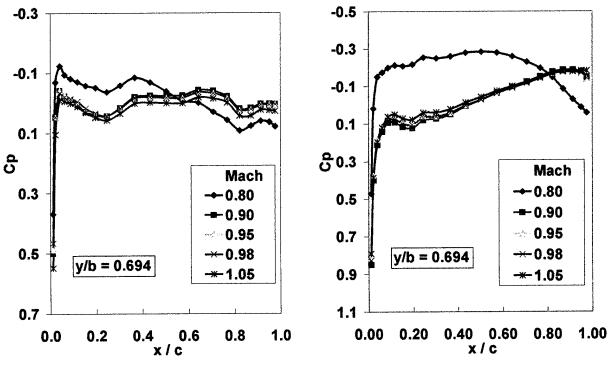


Figure 3.6e Cp Distribution at y = 0.694 b.

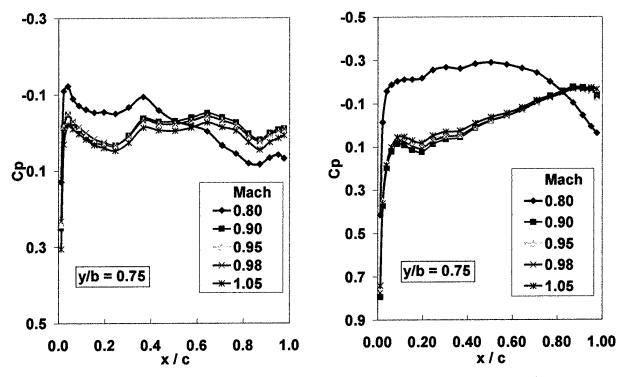


Figure 3.6f Cp Distribution at y = 0.75 b.

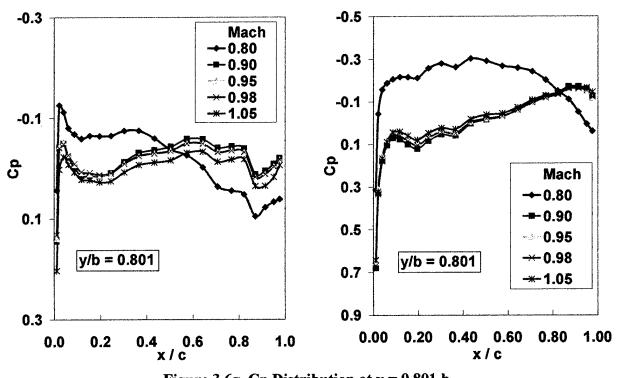


Figure 3.6g Cp Distribution at y = 0.801 b.

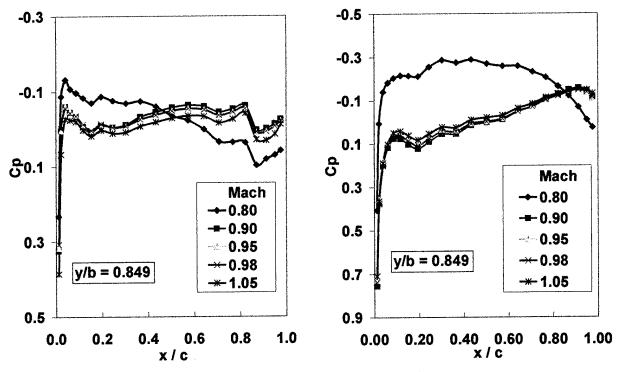


Figure 3.6h Cp Distribution at y = 0.849 b.

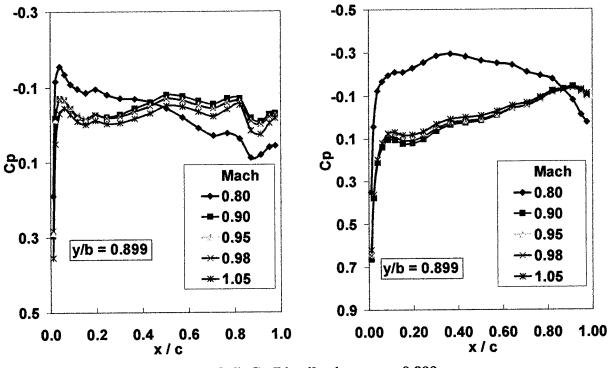


Figure 3.6i Cp Distribution at y = 0.899.

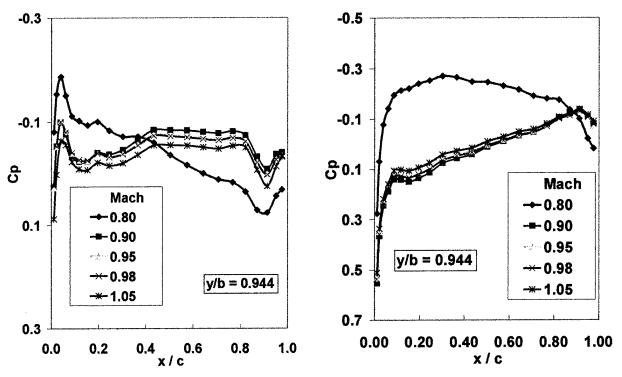


Figure 3.6j Cp Distribution at y = 0.944 b.

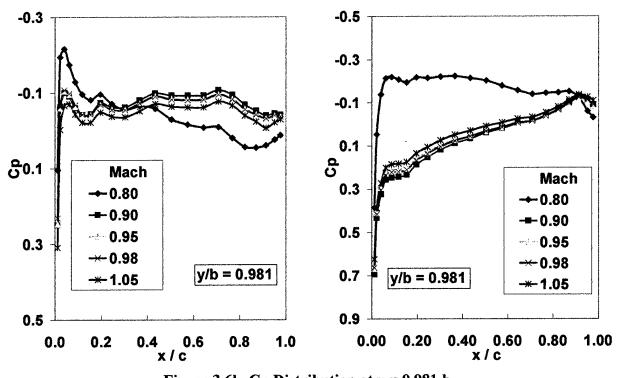


Figure 3.6k Cp Distribution at y = 0.981 b.

SECTION 4

CORRELATION OF THE F-16 / STORE CLASSICAL FLUTTER PREDICTIONS WITH FLIGHT TEST DATA

4.1 Flight Test Result and Previous Numerical Prediction

Reference 1 described that a classical flutter instability occurred during the flight test of F-16 with the air-surface missiles at Station 3 and LAU-129/A launcher at the wing tip (Figure 3.1). The instability response was characterized by a sudden onset of high-amplitude wing oscillations. The measured oscillatory wing tip response during level flight at five altitude is shown in Fig 3.1. At 10,000 ft altitude and level flight, no significant structural responses occurred between Mach 0.80 and 0.90, but a rapid onset of high amplitude anti-symmetric oscillations was encountered at Mach 0.95 and frequency of 9.5 Hz. Similar behavior was observed for other test altitudes.

An attempt to predict this classical flutter case has been conducted by Denegri in Refs 1 and 18. The calculation was performed at M=0.90. The aerodynamic model used in Ref 1 and 18 is an isolated wing with tip launcher only, *i.e.* the same as the aerodynamic model #1 of the present work as shown in Fig 4.1. No aerodynamic modeling of fuselage, empenage and underwing stores is included. The only influence of the fuselage, empenage and stores considered in the flutter analysis is their effect on structural modal characteristics. The flutter calculation was conducted using the non-matched method. Two critical speed were found in the calculations. The first critical speed and frequency are $V_f=442$ KCAS and $f_f=10.17$ Hz with a hump-mode type of flutter mode. The second critical speed is at $V_f=745$ KCAS and $f_f=9.37$ Hz with an explosive type of flutter mode (Ref 18). The result indicates that the flight test frequency is well correlated with the second flutter mode frequency. However, the calculated flutter speed was higher than the flight test data.

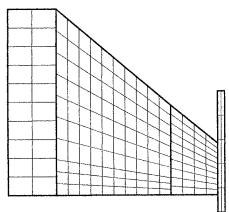


Figure 4.1 Aerodynamic Model #1 for the Classical Flutter Case.

4.2. Linear Aerodynamic Approach

4.2.1 Aerodynamic Model #1

The first aerodynamic model of the present work is the isolated wing with tip launcher (Figure 4.1), *i.e* the same as the model used in Ref 1. Figure 4.2 shows the first four natural (undamped) mode shapes. Employing a non-matched point flutter analysis of ZAERO at M=0.90 and sea level density, the first critical speed was found to be $V_f=456$ KCAS and flutter frequency was $f_f=10.17$ Hz (dominated by the third structural mode), and the second flutter speed/frequency was $V_f=752$ KCAS / $f_f=9.36$ Hz (dominated by the first structural mode). These results are very close to the analysis results in Refs 1 and 18 as shown in Table 4.1 and Fig 4.3. Figure 4.4 shows the flutter mode shape for $V_f=752$ KCAS at several time steps. The V-g and V-f plots of the present flutter analysis given in Fig 4.4 show similar results to Fig 12 of Ref 1. Note that Refs 1 and 2 used different numerical procedures for computing the unsteady aerodynamics, i.e. a doublet-lattice method for the unsteady aerodynamic prediction and a Laguerre variation of the classical K-method for the flutter solution.

Table 4.1 Flutter Results Using Linear Aerodynamics at M = 0.9.

Aerodynamic Model or Methods		Flutter Speed (KCAS)	Flutter Frequency (Hz)
Flight test (on set of flutter speed)		585.4	9.5
Denegri's DLM results (Aerodynamic Model	g = 0%	745	9.37
#1: Wing + tip launcher only, non matched point)	g = 1%	807	9.39
Aerodynamic Model #1: Wing + tip launcher only, (non matched point)	g = 0%	752	9.36
	g = 1%	831	9.36
Aerodynamic Model #2: Whole aircraft without underwing stores (matched point)	g = 0%	483	9.56
	g = 1%	517	9.55
Aerodynamic Model #3: Whole aircraft with stores (matched point)	g = 0%	478	9.57
	g = 1%	513	9.55
Aerodynamic Model #3: Whole aircraft with stores but without rigid body modes (matched point)	g = 0%	486	9.56
	g = 1%	522	9.55

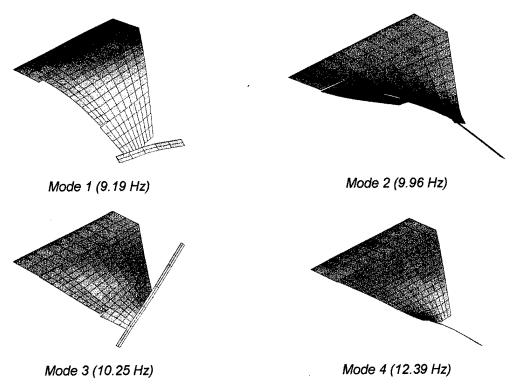


Figure 4.2 Vibration Modes of Aerodynamic Model #1.

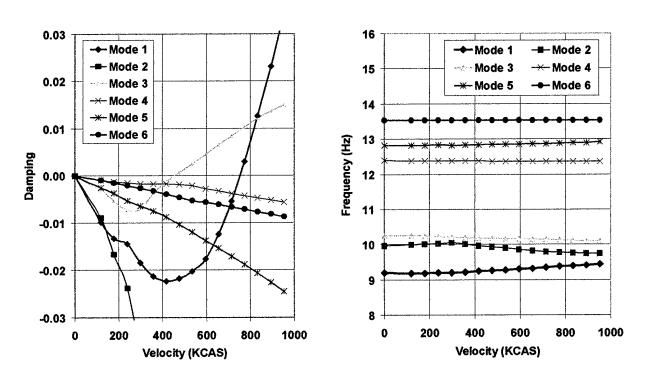


Figure 4.3 The Flutter V-g and V-f plots for Wingtip Launcher only Model at M = 0.9 Using the Linear Aerodynamic Approach.

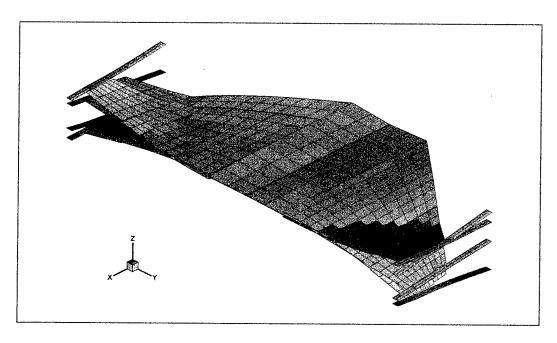


Figure 4.4 The Flutter Mode Shape at V_f = 752 KCAS and f_f = 9.36 Hz of the Wing-Tip Launcher Only Model.

4.2.2 Aerodynamic Model #2

The flutter calculation was repeated using the aerodynamic model #2, i.e. the whole aircraft without underwing stores. The flutter calculation using the matched point method gave the flutter speed/frequency at $V_f = 483~\text{KCAS}$ / $f_f = 9.56~\text{Hz}$. Note that there is no second critical speed in this second model. If the structural damping is assumed to be g = 1.0%, than the flutter speed and frequency becomes $V_f = 517~\text{KCAS}$ and $f_f = 9.55~\text{Hz}$. The result for this configuration shows that the inclusion of the fuselage and empenage aerodynamic model improves the result, i.e. closer to the flight test data.

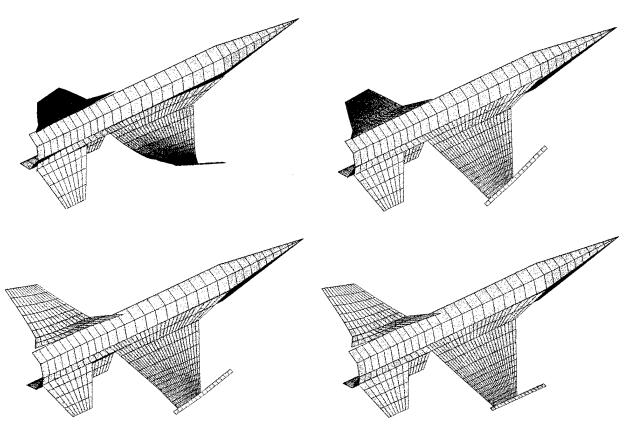


Figure 4.5 Vibration Modes of the Aircraft Model without Underwing Stores

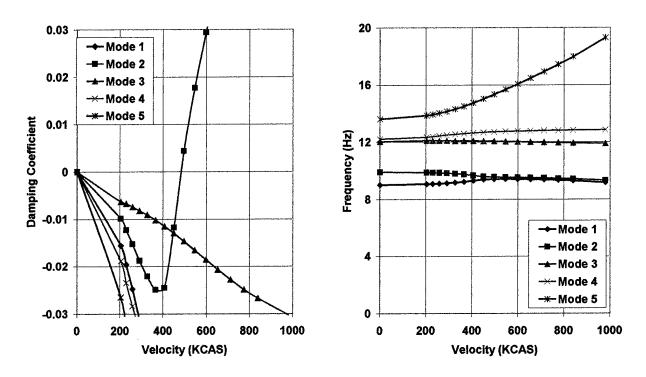


Figure 4.6 The Flutter V-g and V-f Plots for the Whole Aircraft Model without Underwing Stores at M = 0.9 Using the Linear Aerodynamic Approach.

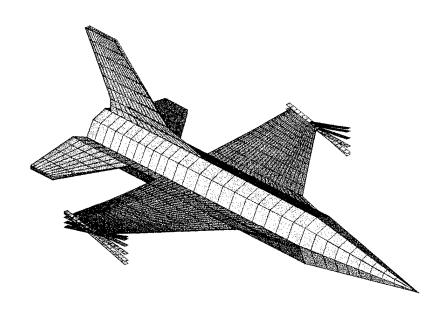


Figure 4.7 The Flutter Mode Shape of the Aircraft Model Without Underwing Stores.

4.2.3 Aerodynamic Model #3, M = 0.90

The flutter calculation was repeated using the aerodynamic model #3, i.e. the whole aircraft with underwing stores. The natural mode shapes are shown in Figure 4.8. The flutter calculation using the matched point method gave the flutter speed/frequency at $V_f = 486 \text{ KCAS} / f_f = 9.56 \text{ Hz}$. Note that there is no second critical speed in this third model. If the structural damping is assumed to be g = 1.0% than the flutter speed and frequency becomes $V_f = 522 \text{ KCAS}$ and $f_f = 9.55 \text{ Hz}$. Clearly, the result for this configuration is closer to the flight test data as shown in Table 4.1.

All of the previous calculations on the classical flutter did not include the structural rigid body modes. If the anti-symmetric rigid body modes are included to the whole aircraft with store model, the similar procedures gave the flutter speed / frequency at $V_f = 478$ KCAS / $f_{f=} 9.57$ Hz for g=0%, and $V_f = 513$ KCAS / $f_{f=} 9.55$ Hz for g=1.0%. These results are very close to the results of the model without rigid body modes. Therefore, for the classical flutter of the present case, the influence of the rigid body modes is not significant. Figure 4.9 shows the flutter V-g and V-f diagrams for aerodynamic model #3. The flutter modes for several time steps is presented in Fig 4.10.

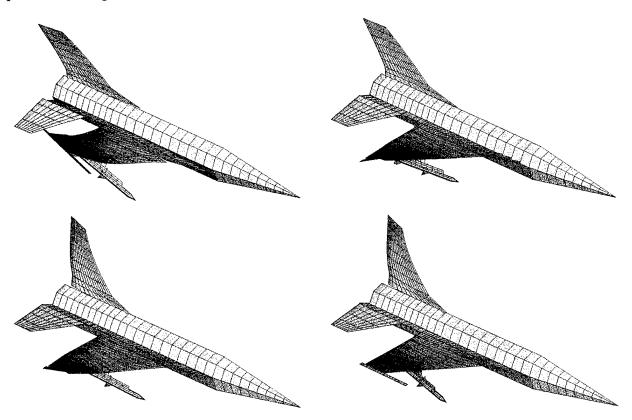


Figure 4.8 Vibration Modes of the Aircraft Model with Underwing Stores

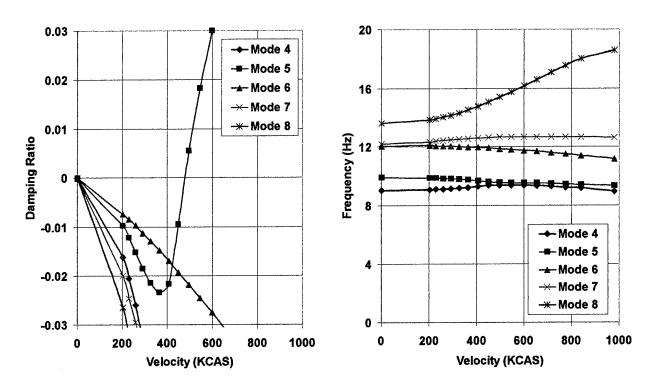


Figure 4.9 The Flutter V-g and V-f plots of the Whole Aircraft Model with Underwing Stores at M = 0.9 using the Linear Aerodynamic Approach.

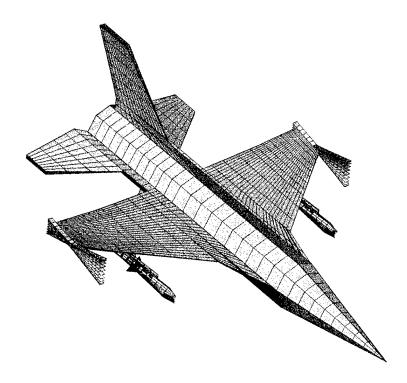


Figure 4.10 The Flutter Mode Shape of the Whole Aircraft Model with Underwing Stores at M = 0.9.

4.2.4. Aerodynamic Model #3. Mach 0.8 – 1.05

The flutter calculations for M=0.90 showed improvement on the solution results if a more refined aerodynamic model is used. However, previous results does not give a direct correlation between the flutter prediction and the flight test data. Note that, to indicate the flutter onset, the flight test data presents the measure acceleration response level in terms of Mach numbers and altitudes. Therefore, in order to correlate the numerical predictions with the flight test data, the calculation was repeated for several Mach numbers, including $M=0.80,\,0.90,\,0.95,\,0.98,\,$ and 1.05. The flutter solution is represented by the damping coefficient as a function of Mach number for each altitude as shown in Fig 4.11. Note that the correlation of the flutter prediction with the altitude is automatically generated by using the matched point option of the g-method.

The critical speed and frequency are given in Table 4.2. The results presented in Fig 4.11. shows that

- Linear aerodynamic approach (ZONA6/ZONA7) predicts explosive damping of the unstable mode in all altitudes.
- For the altitude lower than 15,000 ft, the flutter onset Mach number of the flight test data was correlated very well with the linear aerodynamic approach if the structural damping is assumed to be 1%.
- For altitudes of 15,000 ft and higher, the onset Mach number of the flight test data occurred near M = 0.98 and 1.02 where the nonlinearity effect of the transonic aerodynamic is significant. Therefore, the linear aerodynamic approach gives a higher prediction of the onset Mach number for these altitudes.

Table 4.2 Critical Speed and Frequency Using the Linear Aerodynamic Approach (ZONA6/ZONA7)

Mach Number	Damping Coeff. g (%)	Flutter Speed (KCAS)	Flutter Frequency (Hz)
0.80	0.0	485	9.58
	1.0	521	9.56
0.00	0.0	486	9.56
0.90	1.0	522	9.55
0.95	0.0	479	9.56
	1.0	515	9.55
	0.0	500	9.58
0.98	1.0	556	9.58
1.05	0.0	490	9.58
	1.0	517	9.58

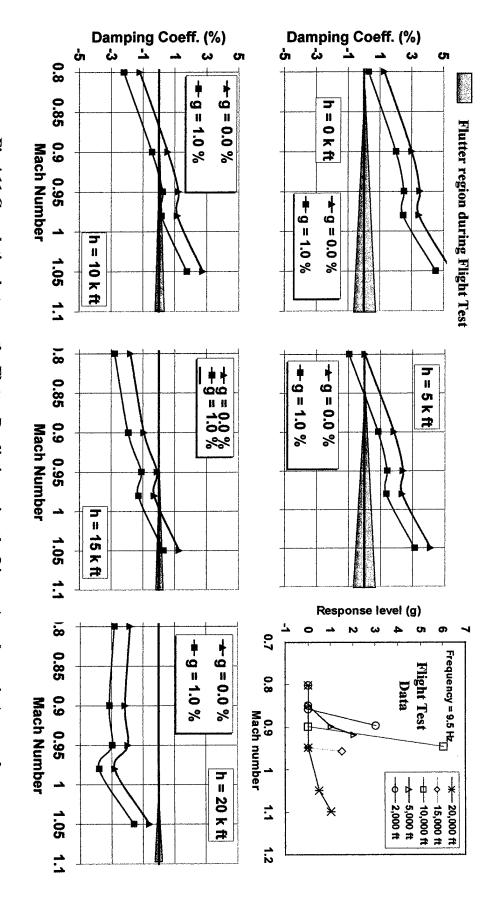


Fig 4.11 Correlation between the Flutter Prediction using the Linear Aerodynamic Approach (ZONA6/ZONA7) with Flight Test Data of the Classical Flutter Case.

4.3 Nonlinear Aerodynamic Approach

The flight test for the classical flutter configuration indicated that the aeroelastic instability for this case occurred between 0.85 and 1.1, *i.e.* in transonic regime where the nonlinear behavior of the aerodynamic flow may significantly influence the critical speed. To investigate the flutter calculation in this transonic regime, a nonlinear aerodynamic approach based on the ZTAIC method was used for the prediction of the unsteady aerodynamic data. The steady aerodynamic data was provided by Dr. Charles Denegri of Eglin Air Force Base as shown in Section 3. The flutter calculation was conducted for the whole aircraft with stores. Mach numbers ranged from 0.80 to 1.05. Rigid body modes were included in the structural dynamic calculations.

4.3.1 Aerodynamic Model #3 at M = 0.90

The flutter calculation for M=0.90 using the matched point method gave the flutter speed/frequency at $V_f=501$ KCAS / $f_f=9.58$ Hz. Note that there is no second critical speed in this third model. If the structural damping is assumed to be g=1.0%, the flutter speed and frequency becomes $V_f=538$ KCAS and $f_f=9.56$ Hz. Compared to the results based on the linear aerodynamic approach given in Table 4.1, the present result using the nonlinear aerodynamic approach is closer to the flight test data. Figure 4.12 shows the V-g and V-f plot for Mach 0.90. The associated flutter mode is presented in Fig 4.13.

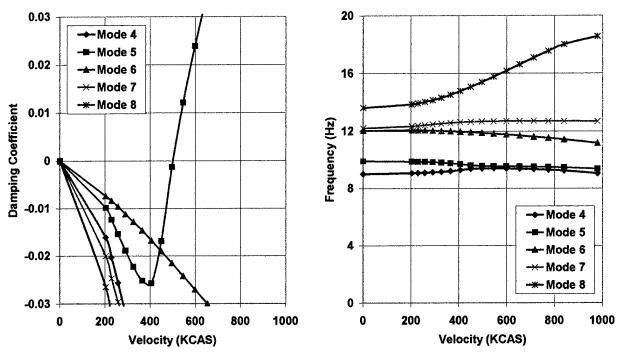


Figure 4.12 The Flutter V-g and V-f plots of the Whole Aircraft Model with Underwing Stores at M = 0.9 Using The Nonlinear Aerodynamic Approach.

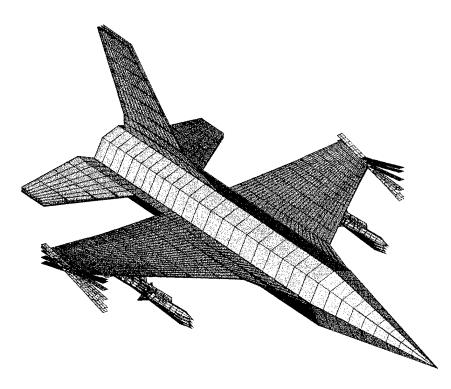


Figure 4.13 The Flutter Mode Shape of The Whole Aircraft Model with Underwing Stores at M = 0.9 Calculated Using The Non-Linear Aerodynamic Method.

4.3.2 Aerodynamic Model #3 at M = 0.80 - 1.05

In order to correlate the numerical predictions with the flight test data, the calculation for the nonlinear aerodynamic approach was repeated for several Mach numbers, namely M=0.80, 0.90, 0.95, 0.98, and 1.05. The flutter solution is represented by the damping coefficient and Mach number as well as the altitudes. The critical speed and frequency for each Mach number are given in Table 4.3. The results presented in Fig 4.14. shows that:

- ZTAIC, i.e. the nonlinear aerodynamic approach, predicts explosive damping of the unstable mode in all altitudes.
- In the post-flutter region, the non-linearity induced stable damping (from either structures or aerodynamics) can not nullify the explosive unstable damping, leading to flutter.
- ZTAIC results indicate that the onset of flutter is very sensitive to the linear structural damping.
- Overall, ZTAIC predicts the flutter onset Mach number better than the linear aerodynamic approach for all altitudes.

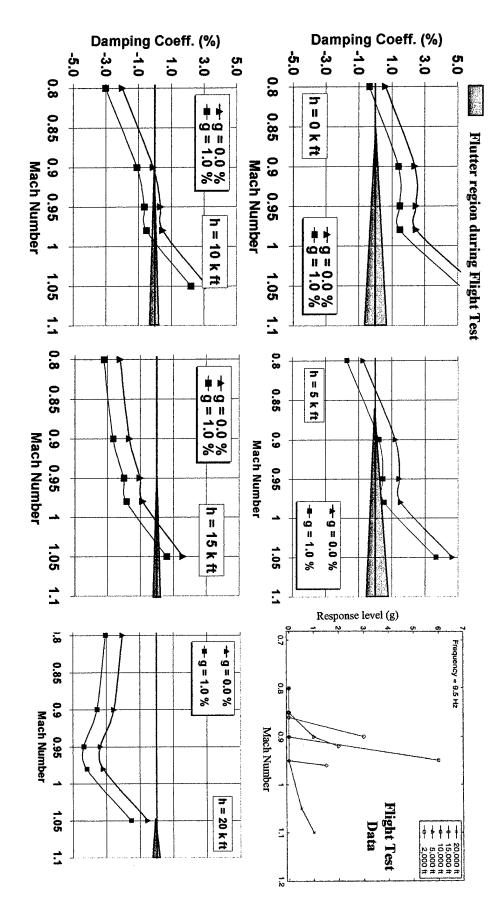


Figure 4.14 Correlation between the Flutter Prediction using the Nonlinear Aerodynamic Approach (ZTAIC) and the Flight Test Data.

Table 4.3 Critical speed and Frequency Using the Nonlinear Aerodynamic Approach (ZTAIC).

Mach Number	Damping Coeff. g (%)	Flutter Speed (KCAS)	Flutter Frequency (Hz)
0.00	0.0	511	9.61
0.80	1.0	549	9.60
0.00	0.0	501	9.58
0.90	1.0	538	9.56
0.05	0.0	512	9.58
0.95	1.0	555	9.58
0.00	0.0	522	9.59
0.98	1.0	567	9.60
1.05	0.0	486	9.59
	1.0	510	9.59

SECTION 5

CORRELATION OF THE F-16 / STORE TYPICAL LCO PREDICTIONS WITH FLIGHT TEST DATA

5.1 Flight Test Result and Previous Numerical Prediction

Reference 1 reported that the so called typical limit cycle oscillation (LCO) occurred during the flight test of F-16A Block 15 with the store configuration described in Table 3.1. The instability response was characterized by a gradual onset of sustained limited amplitude wing oscillations where the oscillation amplitude progressively increases with increasing Mach number and dynamic pressure (Ref 1). The measured oscillatory wing tip response during level flight at five altitude is shown in Figure 3.2. Reference 1 described that the dynamic aeroelastic characteristic of the configuration were well behaved. The instability response was anti-symmetric at a frequency of 7.8 Hz for all altitudes.

An attempt to predict this typical LCO case has been conducted by Denegri in Refs 1 and 18. The calculation was performed at M=0.90. The aerodynamic model used in Refs 1 and 18 is an isolated wing with tip launcher only, *i.e.* the same as the aerodynamic model # 1 of the present work as shown in Fig 5.1. No aerodynamic modeling of fuselage, empenage and underwing stores is included. The only influence of the fuselage, empenage and stores considered in the flutter analysis is their effect on structural modal characteristics. The flutter calculation was conducted using the non-matched method. The critical speed and its frequency are $V_f=312$ KCAS and $f_f=8.1$ Hz for g=0%, and $V_f=312$ KCAS and $f_f=8.1$ Hz for g=1% (Ref 18). The result indicates that the flutter frequency was correlated well with the flight test data. However, the calculated flutter speed was lower than the flight test data.

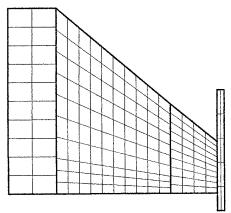


Figure 5.1 Aerodynamic Model # 1 for the typical LCO case

5.2. Linear Aerodynamic Approach

5.2.1 Aerodynamic Model # 1

The first aerodynamic model of the present work is the isolated wing with tip launcher (Figure 5.1), *i.e* the same as the model used in Refs 1 and 18. Figure 5.2 shows the first four natural (undamped) mode shapes. Employing a non-matched point flutter analysis of ZAERO at M= 0.90 and sea level density, the critical speed was found to be $V_f = 347$ KCAS and flutter frequency was $f_f = 8.08$ Hz for the structural damping g = 0%. For the structural damping g = 1%, the critical speed and frequency are $V_f = 531$ KCAS and $f_f = 8.09$ Hz, respectively. These results are very close to the analysis results in Refs 1 and 18 as shown in Table 5.1 and Fig 5.3. Figure 5.4 shows the flutter mode shape for $V_f = 531$ KCAS at several time steps. The V-g and V-f plots of the present flutter analysis given in Fig 5.4 show similar results to Fig 12 of Ref 17.

Table 5.1 Flutter Results Using Linear Aerodynamics at M = 0.9.

Aerodynamic Model or Methods		Flutter Speed (KCAS)	Flutter Frequency (Hz)
Flight test (on set of flutter speed)		530	7.8
Denegri's DLM results (Aerodynamic Model # 1: Wing + tip launcher only, non matched point)	g = 0%	312	8.10
	g = 1%	494	8.06
Aerodynamic Model # 1: Wing + tip launcher only, (non matched point)	g = 0%	347	8.08
	g = 1%	531	8.09
Aerodynamic Model # 2: Whole aircraft without underwing stores (matched point)	g = 0%	413	8.01
	g = 1%	492	8.00
Aerodynamic Model # 3: Whole aircraft with stores (matched point)	g = 0%	482	7.96
	g = 1%	593	7.91
Aerodynamic Model # 3: Whole aircraft with stores but without rigid body modes (matched point)	g = 0%	483	7.96
	g = 1%	601	7.91

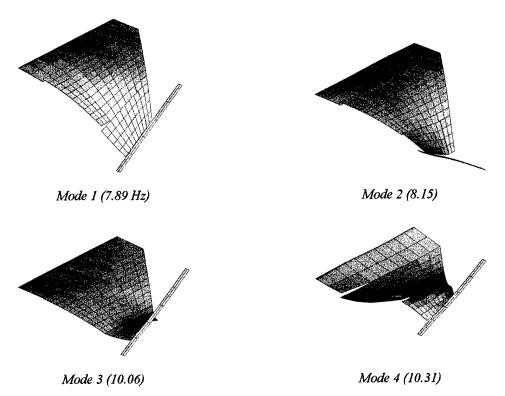


Figure 5.2 Vibration Modes of Aerodynamic Model # 2.

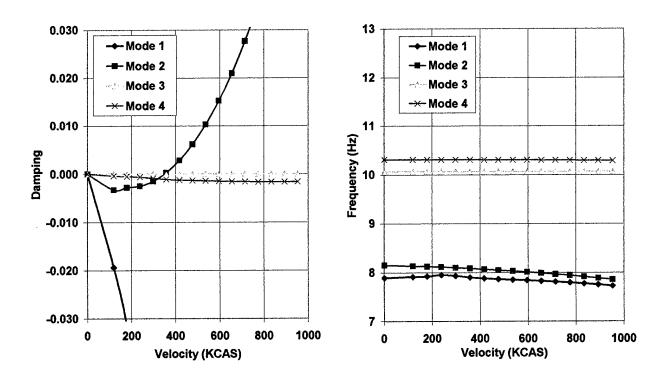


Figure 5.3 The Flutter V-G and V-F Plots for Wing-Tip Launcher Only Model at M = 0.9 Using The Linear Aerodynamic Approach.

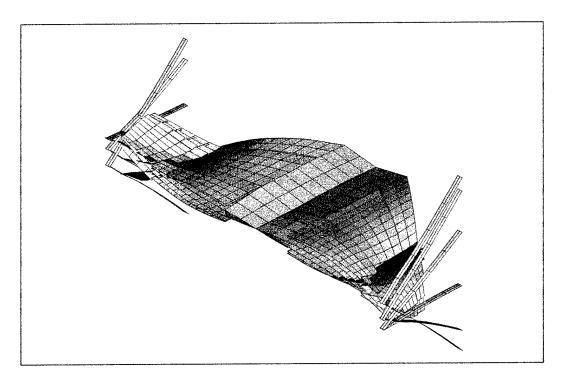


Figure 5.4 The Flutter Mode Shape of The Wingtip Launcher Only Model.

5.2.2. Aerodynamic Model # 2

The flutter calculation was repeated using the aerodynamic model # 2, i.e. the whole aircraft without underwing stores. The flutter calculation using the matched point method gave the flutter speed/frequency at V_f = 413 KCAS / f_f = 8.09 Hz for g = 0%, and V_f = 492 KCAS / f_f = 8.0 Hz for g = 1%. The result for this configuration shows that the inclusion of the fuselage and empenage aerodynamic model improves the result, i.e. closer to the flight test data.

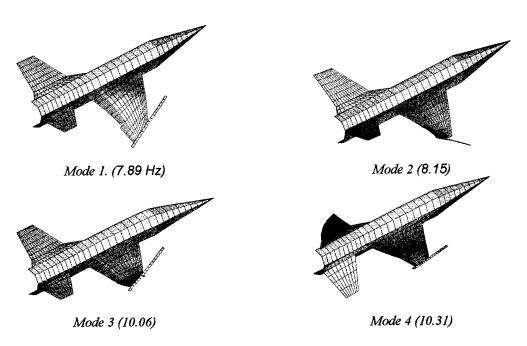


Figure 5.5 Vibration Modes of the Aircraft Model without Underwing Stores.

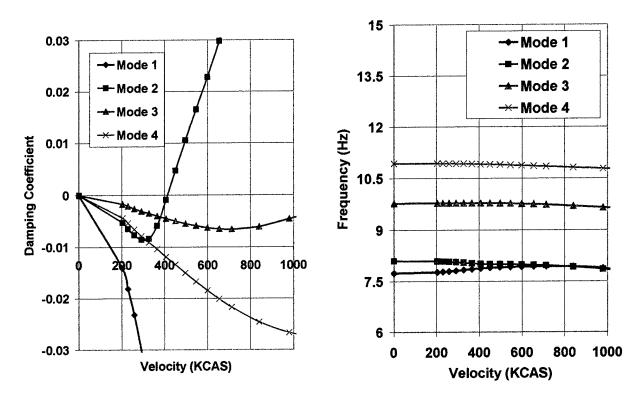


Figure 5.6 The Flutter V-G and V-F Plots for the Whole Aircraft Model without Underwing Stores at M = 0.9 Using the Linear Aerodynamic Approach.

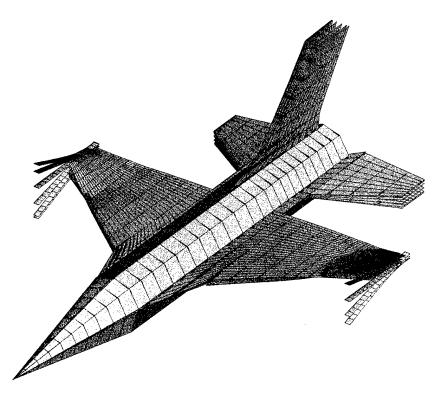


Figure 5.7 The Flutter Mode Shape of the Aircraft Model without Underwing Stores.

5.2.3. Aerodynamic Model # 3 at M = 0.90

The flutter calculation was repeated using the aerodynamic model # 3, i.e. the whole aircraft with underwing stores. The natural mode shapes are shown in Figure 5.8. The flutter calculation using the matched point method gave the flutter speed/frequency at $V_f = 483 \ KCAS / ff = 7.96 \ Hz$. If the structural damping is assumed to be g = 1.0% than the flutter speed and frequency becomes $V_f = 601 \ KCAS$ and $ff = 7.91 \ Hz$.

All of the previous calculations on the typical LCO case did not include the structural rigid body modes. If the anti-symmetric rigid body modes are included to the whole aircraft with store model, the similar procedures gave the flutter speed / frequency at $V_f = 482 \, \text{KCAS} / \, \text{ff} = 7.96 \, \text{Hz}$ for g=0%, and $V_f = 593 \, \text{KCAS} / \, \text{ff} = 7.91 \, \text{Hz}$ for g=1.0%. These results are very close to the results of the model without rigid body modes. Therefore, for the typical LCO of the present case, the influence of the rigid body modes is not significant. Figure 5.9 shows the flutter v-g and V-f diagram for the aerodynamic model # 3. The flutter modes for several time steps is presented in Fig 5.10.

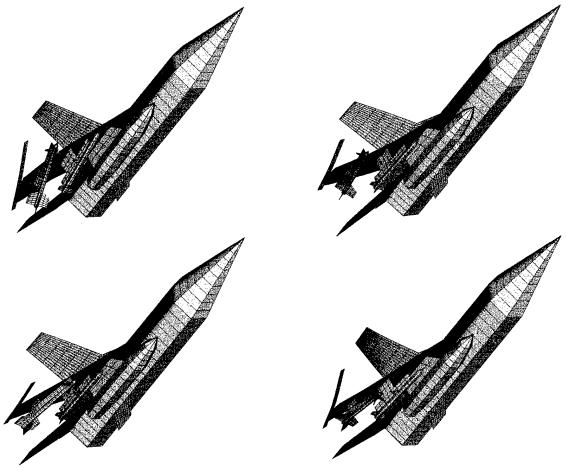


Figure 5.8 Vibration Modes of the Aircraft Model with Underwing Stores

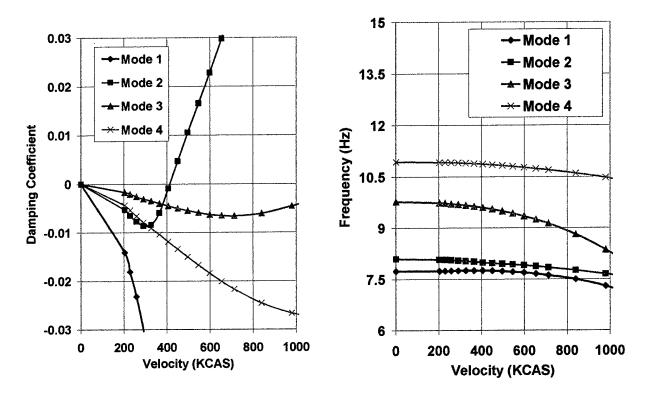


Figure 5.9 The Flutter V-g and V-f plots of the Whole Aircraft Model with Underwing Stores at M = 0.9 Using the Linear Aerodynamic Approach.

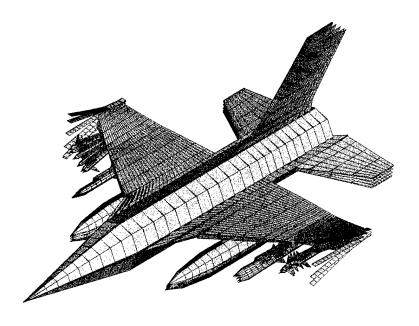


Figure 5.10 The Flutter Mode Shape of the Whole Aircraft Model with Underwing Stores At M = 0.9.

5.2.5. Aerodynamic Model # 3 at Mach 0.8 - 1.05

The flutter calculations for M=0.90 showed improvement on the solution results if a more refined aerodynamic model is used. However, previous results does not give a direct correlation between the flutter prediction and the flight test data. Note that, to indicate the flutter onset, the flight test data presents the measure acceleration response level in terms of Mach numbers and altitudes. Therefore, in order to correlate the numerical predictions with the flight test data, the calculation was repeated for several Mach numbers, including $M=0.80,\,0.90,\,0.95,\,0.98,\,$ and 1.05. The flutter solution is represented by the damping coefficient as a function of Mach number for each altitude. The critical speed and frequency for each Mach number are given in Table 5.2. Note that the correlation of the flutter prediction with the altitude is automatically generated by using the matched point option of the g-method.

The results presented in Fig 5.11. indicates that:

- at sea level, the linear aerodynamic approach gives a lower mach number than onset mach number of the flight test LCO data.
- at higher altitudes, the linear aerodynamic approach gives a higher mach number than the flight test data.

Table 5.2 Critical Speed and Frequency Using the Linear Aerodynamic Approach (ZONA6/ZONA7)

Mach Number	Damping Coeff. g (%)	Flutter Speed (KCAS)	Flutter Frequency (Hz)
0.00	0.0	534	7.95
0.80	1.0	654	7.90
0.00	0.0	482	7.96
0.90	1.0	593	7.91
	0.0	431	7.97
0.95	1.0	541	7.92
0.00	0.0	429	7.96
0.98	1.0	526	7.92
1.05	0.0	450	7.93
	1.0	522	7.89

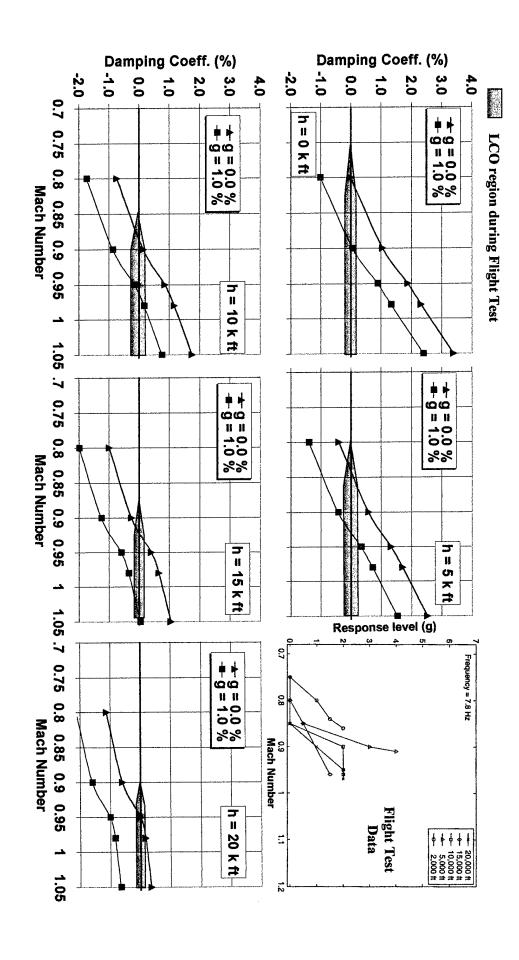


Fig 5.11 Correlation between the Flutter Prediction Using the Linear Aerodynamic Approach (ZONA6/ZONA7) with Flight Test Data.

5.3. Nonlinear Aerodynamic Approach

The flight test for the typical LCO configuration indicated that the aeroelastic instability for this case occurred between 0.75 and 1.1, *i.e.* in transonic regime where the nonlinear behavior of the aerodynamic flow may significantly influence the critical speed. To investigate the flutter calculation in this transonic regime, a nonlinear aerodynamic approach based on the ZTAIC method was used for the prediction of the unsteady aerodynamic data. The steady aerodynamic data was provided by Denegri of Eglin Airforce Base as shown in Section 3. Flutter calculation was conducted to the whole aircraft with stores for Mach numbers ranging between 0.80 and 1.05. The rigid body modes were included in the structural dynamic calculations.

5.3.1 Aerodynamic Model # 3 at M = 0.90

The flutter calculation for M=0.90 using the matched point method gave the flutter speed/frequency at $V_f=468$ KCAS / $f_f=7.97$ Hz. Note that there is no second critical speed in this third model. If the structural damping is assumed to be g=1.0%, the flutter speed and frequency becomes $V_f=588$ KCAS and $f_f=7.93$ Hz. Compare to the results based on the linear aerodynamic approach given in Table 5.1, the present result using the nonlinear aerodynamic approach is closer to the flight test data. Figure 5.12 shows the V-g and V-f plot for Mach 0.90. The associated flutter mode is presented in Fig 5.13.

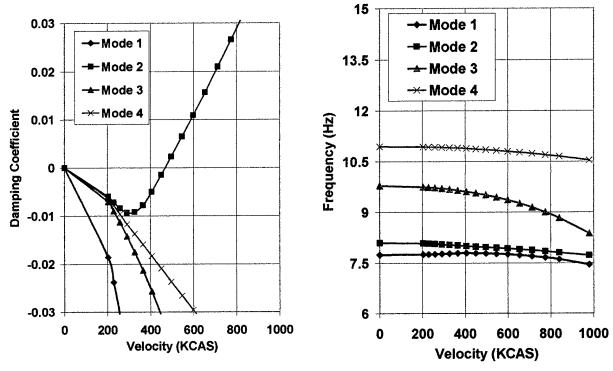


Figure 5.12 The Flutter V-G and V-F Plots of the Whole Aircraft Model with Underwing Stores at M = 0.9 Using the Nonlinear Aerodynamic Approach.

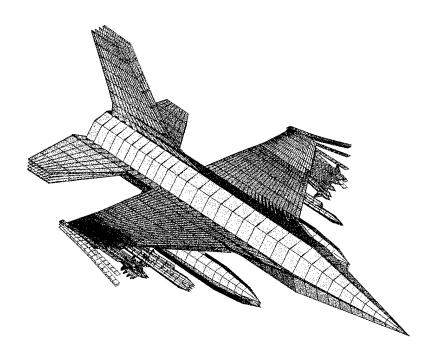


Figure 5.13 The Flutter Mode Shape of the Whole Aircraft Model with Underwing Stores at M = 0.9 Calculated Using the Non Linear Aerodynamic Method

5.3.2. Aerodynamic Model # 3 at M = 0.80 - 1.05

In order to correlate the numerical predictions with the flight test data, the calculation for the nonlinear aerodynamic approach was repeated for several Mach numbers, namely $M=0.80,\,0.90,\,0.95,\,0.98,\,$ and 1.05. The flutter solution is represented by the damping coefficient and Mach number as well as the altitudes. The critical speed and frequency for each Mach number are given in Table 5.3. The results presented in Fig 5.15 shows that:

- ZTAIC predicts non-explosive damping of the unstable modes for all altitudes.
- In the post-flutter region, it is very likely that the nonlinearity-induced stable damping (from either the structures or aerodynamics, if any) can nullify the unstable damping and stop the growth of the amplitude, leading to LCO.
- Similar to the classical flutter case, the on-set of LCO is very sensitive to the linear structural damping level.

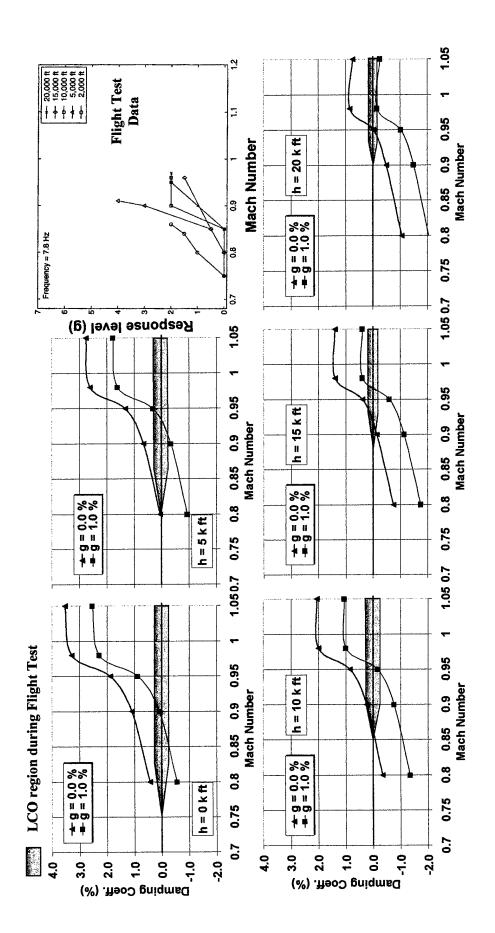


Figure 5.14 The Correlation between the Flutter Prediction using the Nonlinear Aerodynamic Approach (ZTAIC) and the Flight Test Data.

Table 5.3 Critical speed and Frequency Using the Nonlinear Aerodynamic Approach (ZTAIC).

Mach Number	Damping Coeff. g (%)	Flutter Speed (KCAS)	Flutter Frequency (Hz)
0.00	0.0	480	7.97
0.80	1.0	606	7.95
0.00	0.0	468	7.97
0.90	1.0	588	7.93
0.05	0.0	409	7.99
0.95	1.0	525	7.95
0.00	0.0	372	8.00
0.98	1.0	455	7.98
1.05	0.0	422	7.94
	1.0	494	7.92

SECTION 6

CORRELATION OF THE F-16 / STORE NON-TYPICAL LCO PREDICTIONS WITH FLIGHT TEST DATA

6.1 Flight Test Result and Previous Numerical Prediction

Reference 1 described that a non-typical LCO response occurred during the flight test of F-16 with the store configurations shown in Table 3.1. The instability response was characterized by a gradual onset of sustained limited amplitude wing oscillations where the oscillation amplitude does not progressively increase with increasing Mach number (Ref 1). The oscillation may be present only in a limited portion of the flight envelope. The measured oscillatory wing tip response during level flight at five altitude is shown in Figure 3.3. The response behavior of this configuration was only sensitive in 0.88 - 0.94 Mach range. The instability response was antisymmetric at a frequency of 8.2 Hz for all altitudes.

An attempt to predict this non-typical LCO case has been conducted by Denegri in Refs 1 and 18. The calculation was performed at M=0.90. The aerodynamic model used in Refs 1 and 18 is an isolated wing with tip launcher only, *i.e.* the same as the aerodynamic model # 1 of the present work as shown in Fig 6.1. No aerodynamic modeling of fuselage, empenage and underwing stores is included. The only influence of the fuselage, empenage and stores considered in the flutter analysis is their effect on structural modal characteristics. The flutter calculation was conducted using the non-matched point method. The critical speed and frequency are $V_f=393$ KCAS and $f_f=8.26$ Hz for the structural damping g=0%. The result indicates that the flight test frequency is well correlated with the critical mode frequency. However, the calculated critical speed was higher than the flight test data as shown in Table 4.1

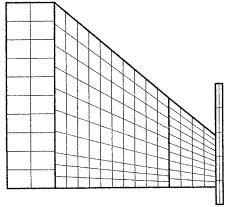


Figure 6.1 Aerodynamic Model # 1 for the Nontypical LCO case

6.2 Linear Aerodynamic Approach

6.2.1 Aerodynamic Model # 1

The first aerodynamic model of the present work is the isolated wing with tip launcher (Figure 6.1), i.e the same as the model used in Ref 17. Figures 6.2 show the first four natural (undamped) mode shapes. Employing a non-matched point flutter analysis of ZAERO at M= 0.90 and sea level density, the critical speed was found to be $V_f = 403$ KCAS and flutter frequency was $f_f = 8.24$ Hz for the structural damping g = 0%. For the structural damping g = 1%, the critical speed and frequency are $V_f = 602$ KCAS and $f_f = 8.21$ respectively. These results are very close to the analysis results in Refs 1 and 18 as shown in Table 6.1 and Fig 6.3. Figure 6.4 shows the flutter mode shape at several time steps. The V-g and V-f plots of the present flutter analysis given in Fig 6.4 show similar results to Fig 12 of Ref 17.

Table 6.1 Flutter Results Using Linear Aerodynamics at M = 0.9.

Aerodynamic Model or Methods		Flutter Speed (KCAS)	Flutter Frequency (Hz)
Flight test (on set of flutter speed)		560	8.2
Denegri's DLM results (Aerodynamic Model # 1: Wing + tip launcher only, non matched point, g = 0%)		393	8.26
Aerodynamic Model # 1: Wing + tip launcher only, (non matched point)	g = 0%	403	8.24
	g = 1%	602	8.21
Aerodynamic Model # 2: Whole aircraft without underwing stores (matched point)	g = 0%	508	8.22
	g = 1%	678	8.18
Aerodynamic Model # 3: Whole aircraft with stores (matched point)	g = 0%	471	8.18
	g = 1%	690	8.08
Aerodynamic Model # 3: Whole aircraft with stores but without rigid body modes (matched point)	g = 0%	642	8.13
	g = 1%	796	8.03

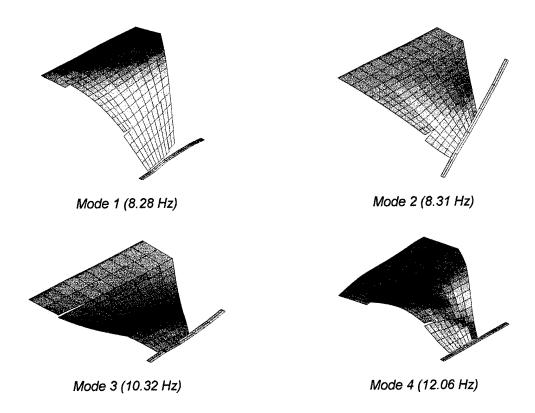


Figure 6.2 Vibration Modes of Aerodynamic Model # 1.

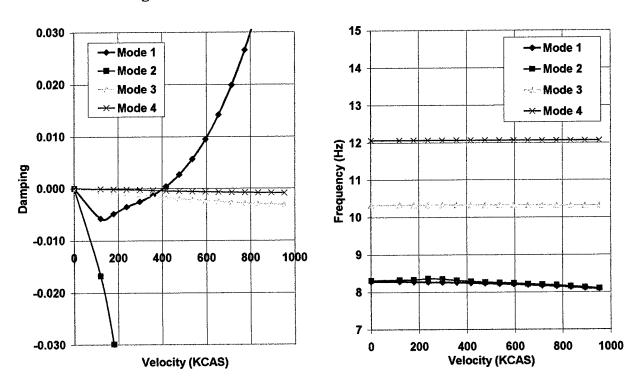


Figure 6.3 The Flutter V-g and V-f plots for Wing-tip Launcher Only Model at M = 0.9 Using the Linear Aerodynamic Approach.

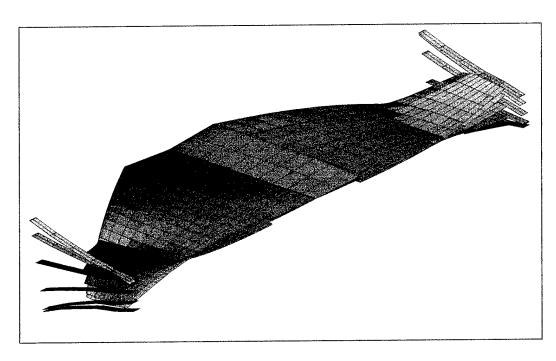


Figure 6.4 The Flutter Mode Shape of the Wing-Tip Launcher Only Model.

6.2.2 Aerodynamic Model # 2

The flutter calculation was repeated using the aerodynamic model # 2, i.e. the whole aircraft without underwing stores. The flutter calculation using the matched point method gave the flutter speed/frequency at $V_f = 508$ KCAS / $f_f = 8.22$ Hz. If the structural damping is assumed to be g = 1.0%, than the flutter speed and frequency becomes $V_f = 678$ KCAS and $f_f = 8.18$ Hz. The result for this configuration shows that the inclusion of the fuselage and empenage aerodynamic model improves the result, i.e. closer to the flight test data.

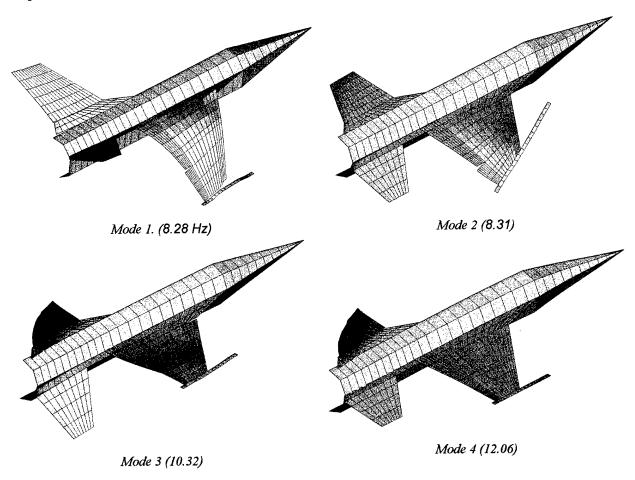


Figure 6.5 Vibration Modes of the Aircraft Model without Underwing Stores.

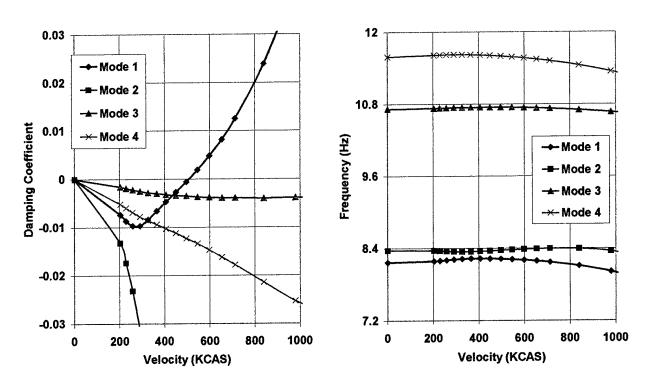


Figure 6.6 The Flutter V-g and V-f Plots for the Whole Aircraft Model without Underwing Stores at M = 0.9 Using The Linear Aerodynamic Approach.

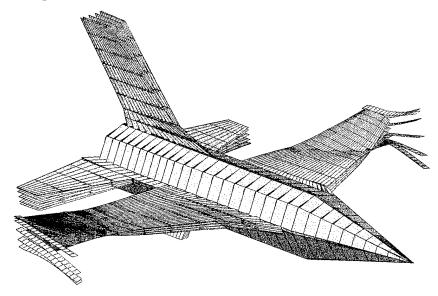


Figure 6.7 The Flutter Mode Shape of the Aircraft Model without Underwing Stores

6.2.3 Aerodynamic Model # 3 at M = 0.90

The flutter calculation was repeated using the aerodynamic model # 3, i.e. the whole aircraft with underwing stores. The natural mode shapes are shown in Figure 6.8. The flutter calculation

using the matched point method gave the flutter speed/frequency at V_f = 642 KCAS / f_f = 8.13 Hz. Note that there is no second critical speed in this third model. If the structural damping is assumed to be g = 1.0% than the flutter speed and frequency becomes V_f = 796 KCAS and f_f = 8.03 Hz. Clearly, the result for this configuration is closer to the flight test data as shown in Table 6.1.

All of the previous calculations on the non-typical LCO did not include the structural rigid body modes. If the anti-symmetric rigid body modes are included to the whole aircraft with store model, the similar procedures gave the flutter speed / frequency at $V_f = 471~\text{KCAS}$ / $f_f = 8.18~\text{Hz}$ for g=0%, and $V_f = 690~\text{KCAS}$ / $f_f = 8.08~\text{Hz}$ for g=1.0%. These results are very close to the results of the model without rigid body modes. Therefore, for the classical flutter of the present case, the influence of the rigid body modes is not significant. Figure 6.9 shows the flutter V-g and V-f diagram for the aerodynamic model # 3. The flutter modes for several time steps is presented in Fig 6.10.

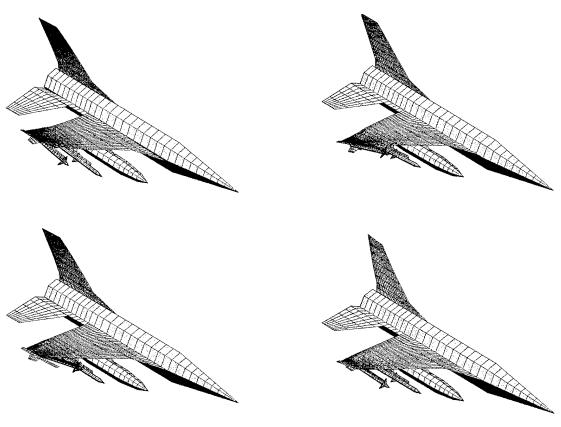


Figure 6.8 Vibration Modes of the Aircraft Model with Underwing Stores.

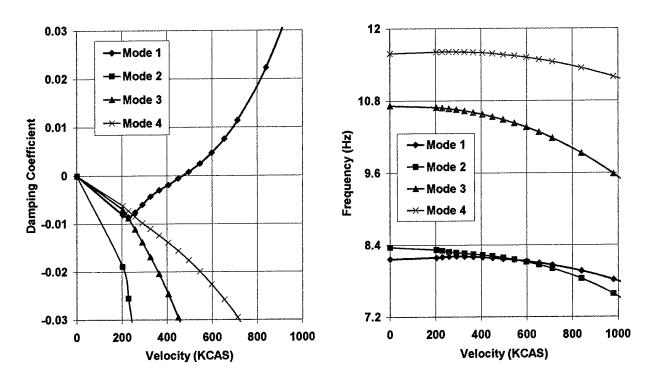


Figure 6.9 The Flutter V-g and V-f plots of the Whole Aircraft Model with Underwing Stores at M = 0.9 Using the Linear Aerodynamic Approach.

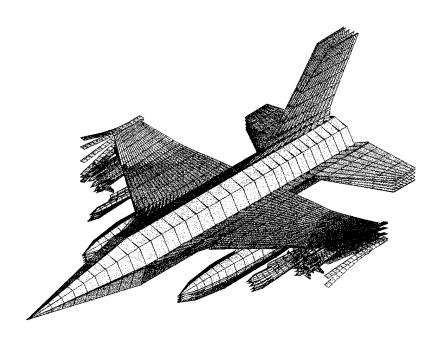


Figure 6.10 The Flutter Mode Shape of the Whole Aircraft Model with Underwing Stores at M = 0.9.

6.2.4 Aerodynamic Model # 3 at Mach 0.8 - 1.05

The flutter calculations for M=0.90 showed improvement on the solution results if a more refined aerodynamic model is used. However, previous results does not give a direct correlation between the flutter prediction and the flight test data. Note that, to indicate the flutter onset, the flight test data presents the measure acceleration response level in terms of Mach numbers and altitudes. Therefore, in order to correlate the numerical predictions with the flight test data, the calculation was repeated for several Mach numbers, namely $M=0.80,\,0.90,\,0.95,\,0.98,\,$ and 1.05. The flutter solution is represented by the damping coefficient as a function of Mach number for each altitude. The critical speed and frequency for each Mach number are given in Table 6.2. The results presented in Fig 6.11. shows that

- Linear aerodynamic approach (ZONA6/ZONA7) predicts non-explosive damping of the unstable mode in all altitudes.
- For the altitude lower than 15,000 ft, the flutter onset Mach number of the flight test data was correlated very well with the linear aerodynamic approach if the structural damping is assumed to be 1%.
- For the altitude of 15,000 ft and higher, the onset Mach number of the flight test data was occurred near M = 0.98 and 1.02 where the nonlinearity effect of the transonic aerodynamic is significant. Therefore, the linear aerodynamic approach gives a higher prediction of the onset Mach number for these altitudes.

Table 6.2 Critical Speed and Frequency Using ZONA6/ZONA7 (Linear Aerodynamic Approach).

Mach Number	Damping Coeff. g (%)	Flutter Speed (KCAS)	Flutter Frequency (Hz)		
0.00	0.0	576	8.15		
0.80	1.0	778	8.03		
0.00	0.0	571	8.17		
0.90	1.0	615	8.08		
	0.0	451	8.17		
0.95	1.0	656	8.08		
	0.0	474	8.17		
0.98	1.0	660	8.08		
4.05	0.0	376	8.20		
1.05	1.0	573	8.11		

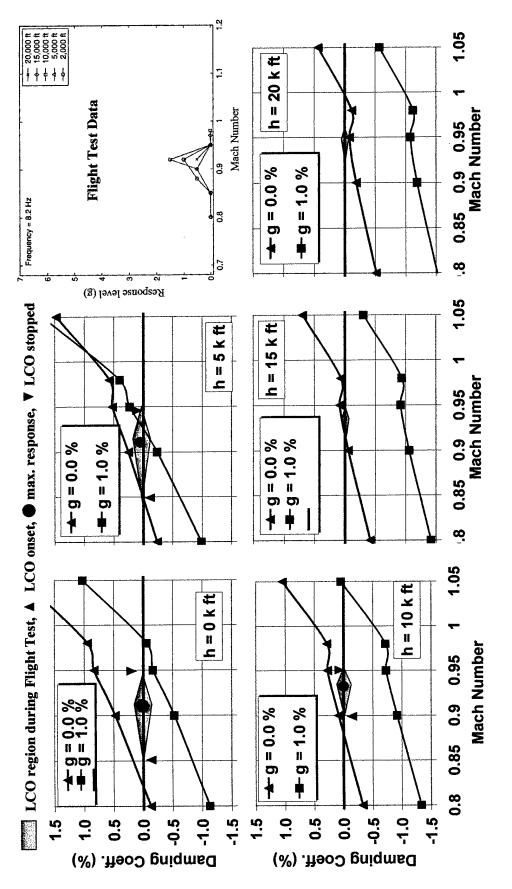


Figure 6.11 Correlation between the Flutter Prediction using the Linear Aerodynamic Approach (ZONA6/ZONA7) with Flight Test Data of the Classical Flutter Case.

6.3 Nonlinear Aerodynamic Approach

The flight test for the non-typical LCO configuration indicated that the aeroelastic instability for this case occurred between 0.85 and 1.1, *i.e.* in transonic regime where the nonlinear behavior of the aerodynamic flow may significantly influence the critical speed. To investigate the flutter calculation in this transonic regime, a nonlinear aerodynamic approach based on the ZTAIC method was used for the prediction of the unsteady aerodynamic data. The steady aerodynamic data was provided by Ref 20 as shown in section 3. Flutter calculation was conducted to the whole aircraft with stores for Mach numbers ranging between 0.80 and 1.05. The rigid body modes were included in the structural dynamic calculations.

6.3.1 Aerodynamic Model # 3 at M = 0.90

The flutter calculation for M=0.90 using the matched point method gave the flutter speed/frequency at $V_f=630~KCAS$ / $f_f=8.16~Hz$. If the structural damping is assumed to be g=1.0%, the flutter speed and frequency becomes $V_f=595~KCAS$ and $f_f=8.18~Hz$. Compared to the results based on the linear aerodynamic approach given in Table 6.1, the present result using the nonlinear aerodynamic approach is closer to the flight test data. Figure 6.12 shows the V-g and V-f plot for Mach 0.90. The associated flutter mode is presented in Fig 6.13.

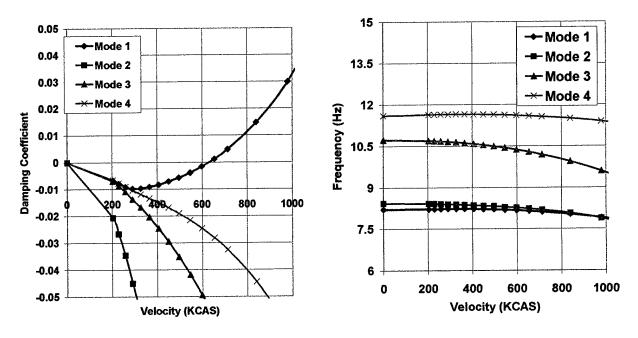


Figure 6.12 The Flutter V-g and V-f Plots of the Whole Aircraft Model with Underwing Stores at M = 0.9 Using the Nonlinear Aerodynamic Approach.

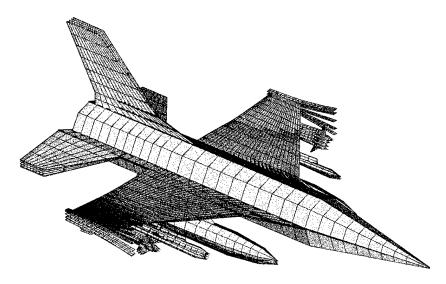


Figure 6.13 The Flutter Mode Shape of the Whole Aircraft Model with Underwing Stores at M = 0.9 Calculated Using the Non Linear Aerodynamic Method.

6.3.2 Aerodynamic Model # 3 at M = 0.80 - 1.05

In order to correlate the numerical predictions with the flight test data, the calculation for the nonlinear aerodynamic approach was repeated for several Mach numbers, namely M=0.80, 0.90, 0.95, 0.98, and 1.05. The rigid body modes were included in the calculations. Figure 6.14 shows the flutter solution represented by the damping coefficient as a function of Mach number for several altitudes. Table 6.3 shows the critical speed and frequency for each Mach number. The results presented in Fig 6.14, indicate that:

- ZTAIC, i.e. the nonlinear aerodynamic approach, predicts the hump flutter modes in all altitudes, i.e. the aeroelastic system is unstable before M = 0.95, but becomes stable between M=0.95 and M=1.0.
- Similar to the classical flutter and the typical LCO cases, the on-set of LCO is very sensitive to the linear structural damping level. But, because of the sudden increase of the stable damping at M=0.98, the condition where LCO disappears is relatively insensitive to the structural damping.
- The above shows that indeed ZTAIC can provide correct trend for predicting the non-typical LCO case.

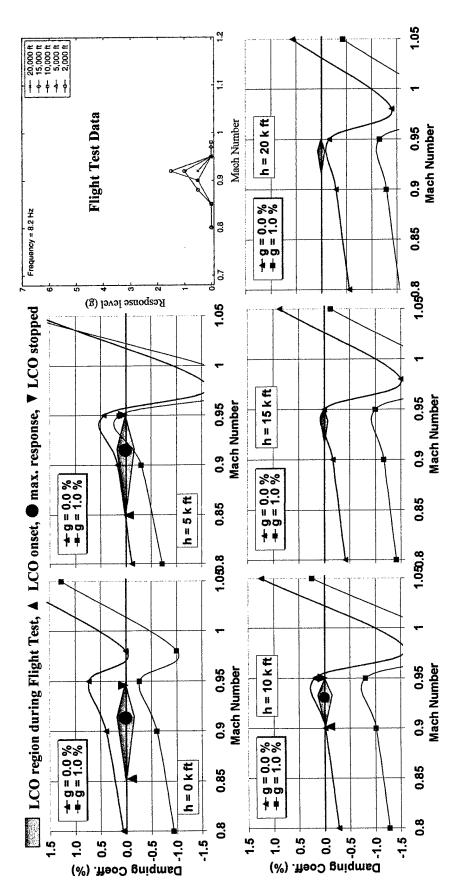


Figure 6.14 The Correlation between the Flutter Prediction using the Nonlinear Aerodynamic Approach (ZTAIC) and the Flight Test Data.

Table 6.3 Critical speed and Frequency Using ZTAIC (Nonlinear Aerodynamic Approach).

Mach Number	Damping Coeff. g (%)	Flutter Speed (KCAS)	Flutter Frequency (Hz)
0.00	0.0	616	8.19
0.80	1.0	752	8.12
0.00	0.0	630	8.16
0.90	1.0	595	8.18
0.05	0.0	475	8.18
0.95	1.0	672	8.09
0.00	0.0	1127	8.00
0.98	1.0	1195	8.00
1.05	0.0	365	8.21
1.05	1.0	543	8.16

SECTION 7

CONCLUSIONS AND FUTURE WORK

We have successfully investigated the accuracy of the ZAERO aeroelastic software system to predict various types of flutter and limit cycle oscillations (LCO) and developed a massive store management (MSM) system as a platform for a rapid assessment of flutter/LCO (RAFEL) software system for massive aircraft/store configurations.

To test the capability of ZAERO, a number of aircraft/store configurations with various structure and aerodynamic modeling are used in subsonic, transonic and supersonic flight regimes using linear and nonlinear unsteady aerodynamic procedures of ZAERO. Three different F-16 with store configurations were used to identify various categories of aeroelastic instability responses including classical flutter, typical LCO and non-typical LCO. According to Reference 1, these categories are representative of the wide variety of aeroelastic responses encountered by fighter aircraft with external stores.

To accurately predict the flutter/LCO onset speed and frequency at various flight altitudes, the matched point option of the g-method, a robust aeroelastic solver of ZAERO, was used. The procedure is important to correlate directly the flutter/LCO prediction in terms of flight altitude and Mach number with the flight test data.

The influence of structural rigid body modes on aeroelastic instability was investigated. The result shows that the influence is small for classical flutter and typical LCO cases, but can be significant for the non-typical LCO case. The inclusion of the structural rigid body modes in the aeroelastic analysis adds very small fraction of computational time but increase the accuracy of the result. Therefore, it is recommended to include the rigid body modes in the flutter/LCO prediction.

The influence of linear and nonlinear unsteady aerodynamic methods to discern differences between classical flutter, typical LCO and non-typical LCO was investigated. By using ZONA6/ZONA7 of ZAERO for a linear aerodynamic approach, the classical flutter case has been successfully identified. By using ZTAIC of ZAERO for a nonlinear aerodynamic approach, the differences between typical and non-typical LCO cases as well as classical flutter case have been successfully predicted including the oscillation frequency and onset velocity of the instability response.

The influence of various aerodynamic modeling of stores and whole aircraft, including fuselage, wing and horizontal/vertical tails, was investigated. The simplest aerodynamic model, i.e. the wing with tip launcher only, is capable to identify the oscillation frequency of flutter/LCO, but fails to predict the onset velocity. The use of more refined aerodynamic model including the whole aircraft and stores successfully improves the prediction and provides a well correlation with the flight test data. Therefore, the store aerodynamic modeling is important for accurate prediction of the flutter/LCO.

To anticipate the increase of computational time due to the additional aerodynamic model of massive aircraft/store configurations, a rapid aeroelastic computational scheme was designed using ZAERO as the basic software system. The rapid computational scheme is based on the strategy to re-use the aerodynamic influence coefficient (AIC) data, which is the most time consuming part in aeroelastic computation, and based on an efficient massive data management system to rapidly store and recall the AIC data. A scheme to utilize various parts of ZAERO, including ZONA6, ZONA7, ZTAIC, the g-method package and spline modules, has been designed to substantially increase the computational efficiency of ZAERO for the massive aircraft/store flutter/LCO assessment.

The achievement of the Phase I objectives has paved the way and has provided considerable technical insight for future implementation of the RAFEL software system in aircraft/store flutter clearance. Consequently, it leads to a well-conceived plan for a Phase II development. The proposed tasks to be conducted in Phase II include:

Implementation of the proposed RAFEL software system:

- Develop an off-line software to generate invariant AIC matrices of aircraft and stores, set up corresponding finite element models and spline input, and save the data on a permanent data base.
- Develop an online software that is driven by the GUI (Graphical User Interface) preprocessor to generate the input files of ZAERO and NASTRAN by retrieving the permanent database and can launch NASTRAN and ZAERO jobs.
- Develop an online software that is driven by the GUI post-processor to rapidly search for the critical flutter/LCO configurations and display the results.

Implementation of GUI system as the underlying software to

- Graphically display all available stores whose data have been saved in the data base.
- Allow users to graphically select arbitrary store configurations.
- Retrieve store data from the permanent database, assemble NASTRAN and ZAERO input files and launch NASTRAN and ZAERO input files.
- Process the ZAERO results of all aircraft/store configurations to search for the critical flutter/LCO cases and graphically display the results.

Implementation of parallel computing environment to accelerate computation

- A parallel virtual machine (PVM) software system can establish a network system linking all computers/CPU's.
- The PVM system allows an optimum distribution of jobs on each CPU to accelerate the computation.
- No user interaction is required since the parallel computing environment is fully automated system.

REFERENCES

- 1. Denegri Jr., C.M., "Limit Cycle Oscillation Flight Test Results of a Fighter with External Stores," Journal of Aircraft, Vol. 37, No. 5, Sep.-Oct. 2000.
- 2. Krist, S.L., Biedron, R.T. and Rumsey, C.L., "CFL3D User's Manual Version 5.0," NASA Langley Research Center, Hampton, VA, Sep. 1997.
- 3. Tang, L., Chen, P.C., Liu, D.D. and Bartels, R.E., "Simulation of Transonic Limit Cycle Oscillations Using a CFD Time-Marching Method," AIAA 42nd AIAA/ASME/ASCE/AHS/ASC Conference & Exhibit, Seattle, WA, Apr. 16th 19th, 2001.
- 4. Chen, P.C. and Liu, D.D., "A Harmonic Gradient Method for Unsteady Supersonic Flow Calculations," Journal of Aircraft, Vol. 22, No. 15, May 1985, pp. 371-379.
- 5. Chen, P.C., Lee, H.W. and Liu, D.D., "Unsteady Subsonic Aerodynamics for Bodies and Wings with External Stores including Wake Effect", Journal of Aircraft, Vol. 30, No. 5, Sep.-Oct. 1993, pp. 618-628.
- 6. Chen, P.C., Sarhaddi, D. and Liu, D.D., "Transonic AIC Approach for Aeroelastic and MDO Applications," Journal of Aircraft, Vol. 37, No. 1, Jan.-Feb. 2000, pp. 85-94.
- 7. Chen, P.C. and Liu, D.D., "Unsteady Supersonic Computations of Arbitrary Wing-Body Configurations Including External Stores," Journal of Aircraft, Vol. 27, No. 2, Feb. 1990, pp. 108-116.
- 8. Liu, D.D., Yao, Z.X., Sarhaddi, D. and Chavez, F., "Piston Theory Revisited and Further Applications," Journal of Aircraft, Vol. 34, No. 3, May-Jun. 1997, pp. 304-312.
- 9. Harder, R.L. and Desmarais, R.N., "Interpolation Using Surface Splines," AIAA Journal, Vol. 9, No. 2, 1972, pp. 189-191.
- 10. Duchon, J., "Splines Minimizing Rotation-Invariant Semi-Norms in Sobolev Spaces," Constructive Theory of Functions of Several Variables, edited by W. Schempp and K. Zeller, Springer, Oberwolfach, Germany, 1976, pp. 85-100.
- 11. Chen, P.C., "A Damping Perturbation Method for Flutter Solution: The g-Method," AIAA Journal, Vol. 38, No. 8, Aug. 2000.
- 12. Peloubet, R.P., "YF-16 Active Control System/Structural Dynamics Interaction Instability, AIAA Paper, AIAA-75-823.
- 13. Bunton, R.W. and Denegri Jr., C.M., "Limit Cycle Oscillation Characteristics of Fighter Aircraft," Journal of Aircraft, Vol. 37, No.5, Sep.-Oct. 2000.

- 14. Dykman, J.R. and Rodden, W.P., "An Application of the P-Transform Method for Transient Maneuvering Analysis," CEAS/AIAA/ICASE/NASA Langley International Forum on Aeroelasticity and Structural Dynamics, 1999.
- 15. Chen, P.C., Sarhaddi, D. and Liu, D.D., "Limit Cycle Oscillation Studies of a Fighter with External Stores," AIAA Paper, 98-1727, Apr. 1998.
- 16. Nam, C., Chen, P.C. and Liu, D.D., "Adaptive Reconfigurable Control Based on a Reduced Order System Identification for Flutter and Aeroservoelastic Instability Suppression," Final Report of Contract No. N68335-00-C-0126, Nov. 12th, 2000.
- 17. "ZAERO: An Engineer's Toolkit for Aeroelastic Solutions, Theoretical Manual, Version 5.2," ZONA Technology, Inc., Scottsdale, AZ, info@zonatech.com, www.zonatech.com, June 2001.
- 18. Denegri Jr., C.M., Private Communications on F16 Structural Data, May-July 2001.
- 19. Penning, K., Private Communication on F16 Block 41 Structural Data, 1998.
- 20. Denegri Jr., C.M., Private Communications on F16 Wing CFD Data, Sept. 2001.

Appendix A. Structural Finite Element Data for Classical Flutter Case

ID IMTAS BLOCK 40 F-16 FLUTTER FEM	ASET1 1	386	391 369	371 360	362 385	387 390	392 370	393 361
SOL 103 TIME 20	ASETI 1	389 410	17	5	15	4	13	3
\$ CEND	ASET1 3 ASET1 3	6 11	2	9 20	60	73	21	61
\$ TITLE=F-16 1/2 AIRPLANE FINITE ELEMENT MODEL FOR FLUTTER ANALYSIS	ASET1 3 ASET1 3	19 39	72 47	56	68	81		
SUBTI=ANTI-SYMMETRIC CENTERLINE BOUNDARY CONDITIONS // LABEL=CONFIG 5 = MA41	ASET1 3 ASET1 3	74 77	51 29	62 44	75 53	26 65	52 78	64 33
DISP-ALL ECHO-SORT	ASET1 3 ASET1 3	85 90	86 103	87 109	88 89	102	108	
\$ DMIG VERTICAL TAIL STIFFNESS MATRIX	ASET1 3 ASET1 3	95 130	107 133	113 92	93 105	106 111	112 123	124 129
K2GG-VTAIL \$ EIGENVALUE EXTRACTION	ASET1 3 ASET1 3	132 233	91	104	110	122	128	131
METHOD=1 \$ SYMMETRIC B.C. / SPC=2 FOR ANTISYMMETRIC	ASET1 3	251 3017	THRU 3019	266 3022				
SPC=2 \$	ASET1 5	153	154	155	156	71	286	284
\$ SET 203022-GRIDS USED IN FLUTTER ANALYSIS. \$ ADD GRIDS 801 THROUGH 814 FOR DYNAMIC RESPONSE.	ASET1 5 ASET1 5	410 459						
\$ SET 203022= 2, 3, 4, 5, 6,	ASET1 6 ASET1 6	437 458	281	410				
9, 11, 13, 15, 17, 19, 20, 21, 26, 29,	ASET1 3456 CBAR 27	3018 27	284	410	1.	1.	0.	
33, 39, 44, 47, 51,	CBAR 2401 CBAR 2402	2401 2402	407 367	367 368	0. 0.	1. 1.	1. 1.	
62, 64, 65, 68, 72,	CBAR 2403 CBAR 2404	2403 2404	368 369	369 370	0. 0.	1. 1.	1. 1.	
73, 74, 75, 77, 78, 81, 85, 86, 87, 89,	CBAR 2405 CBAR 2406	2405 2406	370 371	371 372	0.	1.	1.	
90, 91, 92, 93, 95, 102, 103, 104, 105, 106,	CBAR 2407	2407	372 357	373 358	0. 0.	1.	i. 1.	
107, 108, 109, 110, 111, 112, 113, 122, 123, 124,	CBAR 2408 CBAR 2409	2408 2409	358	359	o.	1.	1.	
128, 129, 130, 131, 132, 133,3004,3006,3009 \$ AIM-9/16S200 OR 16S200 ON TIP	CBAR 2410 CBAR 2411	2410 2411	359 360	360 361	0.	1.	1.	
\$ OUTPUT (PLOT)	CBAR 2412 CBAR 2413	2412 2413	361 362	362 363	0.	1.	1.	
CSCALE=1.8 PAPER SIZE=26. BY 20.	CBAR 2414 CBAR 2415	2414 2415	363 409	364 375	0. 0.	1. 1.	1. 1.	
ş	CBAR 2416 CBAR 2417	2416 2417	375 376	376 377	0.	1. 1.	1.	
\$ SET 10-ELEMENTS USED IN MODE PLOTS \$	CBAR 2418 CBAR 2419	2418 2419	377 378	378 379	0. 0.	1. 1.	1.	
\$ FUSELAGE CENTERLINE SET 10= 1 THRU 26,	CBAR 2420 CBAR 2421	2420 2421	379 380	380 381	0.	1.	1.	
\$ WING BOX 1001 THRU 1005,	CBAR 2422 CBAR 2423	2422	382 384	383 385	ŏ.	1.	1.	
1007,1010 THRU 1013, 1020,1023 THRU 1025,	CBAR 2424	2424	385	386 387	0.	1.	i.	
1031,1034,1036,1043,1045, 1046,1048 THRU 1054,	CBAR 2425 CBAR 2426	2425 2426	386 387	388	0.	1.	1.	
1056 THRU 1062, 1071 THRU 1074,	CBAR 2427 CBAR 2428	2427 2428	389 390	390 391	0. 0.	1.	1.	
1078,1079,1080, 1086 THRU 1090,	CBAR 2429 CBAR 2430	2429 2430	391 392	392 393	0. 0.	1.	1.	
1099,1100,1101, 1075,1076,1077,	CBAR 2431 CBAR 2432	2431 2432	407 357	357 409	0. 0.	1. 1.	1. 1.	
1081 THRU 1085,	CBAR 2433 CBAR 2434	2433 2434	367 358	358 375	0.	1. 1.	1.	
1091 THRU 1097, 1102 THRU 1111,	CBAR 2435 CBAR 2436	2435 2436	375 375	384 406	0. 0.	1. 1.	1.	
1116 THRU 1125, 1126,1127,1128,	CBAR 2437	2437 2438	406 368	408 359	0.	1.	i.	
\$ LEADING EDGE FLAP / 1258 ACTUATOR 1131 THRU 1134,	CBAR 2438 CBAR 2439	2439	359	376 384	0. 0.	1.	1.	
1136,1137,1138, 1140,1141,1142,	CBAR 2440 CBAR 2441	2440 2441	376 369	360	o.	1.	1.	
1144,1145,1146, 1148 THRU 1151,	CBAR 2442 CBAR 2443	2442 2443	360 377	377 385	0.	1.	1.	
1152 THRU 1171, \$ FLAPERON	CBAR 2444 CBAR 2445	2444 2445	370 361	361 378	0. 0.	1.	1.	
1181 THRU 1185, 1187 THRU 1189,	CBAR 2446 CBAR 2447	2446 2447	378 371	386 362	0. 0.	1. 1.	1.	
1190 THRU 1194, 1196 THRU 1203,	CBAR 2448 CBAR 2449	2448 2449	362 372	379 363	0. 0.	1.	1. 1.	
1205 THRU 1207, 1209 THRU 1220,	CBAR 2450 CBAR 2451	2450 2451	363 380	380 382	0. 0.	1. 1.	1. 1.	
1231 THRU 1238,	CBAR 2452 CBAR 2453	2452 2453	380 373	388 364	0. 0.	1. 1.	1. 1.	
1251 THRU 1258, 1261 THRU 1268,	CBAR 2454 CBAR 2455	2454 2455	364 381	381 383	0. 0.	1. 1.	1. 1.	
\$ HORIZONTAL TAIL 2001 THRU 2058,	CBAR 2456 CBAR 2457	2456 2457	384 385	389 390	0.	1. 1.	1.	
\$ VERTICAL TAIL 2401 THRU 2460,	CBAR 2458 CBAR 2459	2458 2459	386 387	391 392	0.	1.	1.	
\$ 165200 // STATION 1,9 3003 THRU 3009,	CBAR 2460	2460 3502	388 3500	393 52	0. 1.	1.	1.	
\$ AIM-9L // STATION 1,9 3014,3015	CBAR 3503	3502	3501	52	1.	1.	0. 0.	
\$ MAXIMUM DEFORMATION 35.	CBEAM 1 CBEAM 2	1 2	163 164	164 153	1.	o.	0.	
AXES MX,MY,Z VIEW 60.0,30.,0.	CBEAM 3 CBEAM 4	3 4	267 154	154 155	1.	0. 0.	0.	
FIND SCALE ORIGIN 10 SET 10 PLOT MODAL DEFO 0 SET 10 ORIGIN 10	CBEAM 5 CBEAM 6	5 6	155 268	156 36	1.	0. 0.	o.	
\$	CBEAM 7 CBEAM 8	7 8	36 42	4 2 50	1.	0.	0. 0.	
BEGIN BULK ASET 3500 123456	CBEAM 9 CBEAM 10	9 10	50 437	437 59	1. 1.	0. 0.	0. 0.	
ASET 3501 123456	CBEAM 11 CBEAM 12	11 12	59 431	431 71	1. 1.	0. 0.	0. 0.	
ASET1 1 267	CBEAM 13 CBEAM 14	13 14	71 84	84 298	1.	0. 0.	0. 0.	
ASET1 1 284 281 ASET1 1 367 408 368 359 384	CBEAM 15 CBEAM 16	15 16	298 286	286 117	1.	0.	0.	
ASET1 1 373 364 381 383	CDEAR 10	10	200	*11	٠.	٧.	٧.	

CBEAM	17	17	117	285	1.	1.	0.	1	CBEAM 1040	1040	63	245	1.	0.	0.	
CBEAM	18 19	18 19	285 283	283 284	1. 1.	1.	0. 0.		CBEAM 1041 CBEAM 1043	1041 1043	245 24	76 51	1.	0.	0. 0. 0.	
CBEAM	20 21	20 21	284 282	282 281	1.	1. 1.	0. 0.		CBEAM 1045 CBEAM 1046	1045 1046	23 51	51 62	1.	0.	0.	
CBEAM CBEAM	22 31	22 31	281 36	405 35	1.	0. 1.	0. 0.		CBEAM 1047 CBEAM 1048	1047 1048	22 62	62 244	1.	0.	0.	
CBEAM CBEAM	32 33	32 33	42 50	41	1. 1.	1.	0. 0.		CBEAM 1049 CBEAM 1050	1049 1050	244 75	75 88	1.	0.	0.	+1050BM
CBEAM	34	34 35	59 71	58 70	1.	1.	0.		CBEAM 1051 CBEAM 1052	1051 1052	21 61	61 243	1. 1.	o. o.	0. 0.	
CBEAM	35 36	36	84	83	1.	1.	0.		CBEAM 1053 +1053BM	1053 56	243	74	1.	0.	0.	+1053BM
CBEAM CBEAM	37 38	37 38	117 34	116 31	1.	1.	0.		CBEAM 1054 CBEAM 1056	1054 1056	74 20	87 60	1. 1.	0. 0.	0. 0.	+1054BM
CBEAM CBEAM	39 40	39 40	40 48	37 45	1.	1.	0. 0.		CBEAM 1057 CBEAM 1058	1057 1058	60 242	242 73	1.	0.	0. 0.	+1058BM
CBEAM CBEAM	41 42	41 42	57 69	54 66	1.	1.	0.		+1058BM	56 1059	73	86	1.	0.	0.	+1059BM
CBEAM CBEAM	43 44	43 44	82 94	94 118	1. 1.	1. 1.	o. o.		CBEAM 1060	1060	19	143	1.	0. 0.	ö.	
CBEAM CBEAM	45 46	45 46	118 115	121 79	1. 1.	1.	0. 0.		CBEAM 1061 CBEAM 1062	1061 1062	143 72	72 85	1.	0.	0.	+1062BM
CBEAM CBEAM	47 48	47 48	79 120	120 114	1. 1.	1. 1.	0. 0.		CBEAM 1071 CBEAM 1072	1071 1072	33 32	32 30	0.	1.	0. 0.	
CBEAM +49BM	49 46	49	31	37	1.	1.	0.	+49BM	CBEAM 1073 CBEAM 1074	1073 1074	30 181	181 29	0.	1.	0.	
CBEAM CBEAM	50 51	50 51	37 45	45 54	1. 1.	1.	0. 0.		CBEAM 1075 CBEAM 1076	1075 1076	39 38	38 182	0. 0.	1.	0. 0.	
CBEAM	52	52 53	54 66	66 121	1.	1.	0.	+53BM	CBEAM 1077 CBEAM 1078	1077 1078	182 29	29 27	0. 0.	1. 1.	0. 0.	
+53BM	53	456				1.	0.	+54BM	CBEAM 1079 CBEAM 1080	1079 1080	27 187	187 26	0. 0.	1.	0.	
CBEAM +54BM	54 456	54	121	114	1.			73450	CBEAM 1081 CBEAM 1082	1081 1082	47 46	46 183	0. 0.	1. 1.	0.	
CBEAM CBEAM	55 56	55 56	118 119	119 120	1. 1.	1. 1.	0. 0.		CBEAM 1083	1083	183	44	0. 0.	1.	0.	
CBEAM CBEAM	57 141	57 141	94 467	79 274	1. 1.	1.	0. 0.		CBEAM 1084 CBEAM 1085	1084	188	188 26	0.	1.	0.	
CBEAM CBEAM	142 143	142 143	274 465	465 275	1.	1. 1.	0. 0.		CBEAM 1086 CBEAM 1087	1086 1087	26 25	25 192	0.	1.	0.	
CBEAM CBEAM	144 145	144 145	275 278	278 280	1. 1.	1.	0. 0.		CBEAM 1088 CBEAM 1089	1088 1089	192 24	24 23	0. 0.	1.	0.	
CBEAM CBEAM	146 147	146 147	280 292	292 114	1.	1. 1.	0.	+147BM	CBEAM 1090 CBEAM 1091	1090 1091	23 56	22 55	0. 0.	1.	0. 0.	
+147BM	148	456 148	466	273	1.	1.	0.		CBEAM 1092 CBEAM 1093	1092 1093	55 184	184 53	0. 0.	1.	0. 0.	
CBEAM	149	149	273 464	464 276	1.	1.	o.		CBEAM 1094 CBEAM 1095	1094 1095	53 189	189 52	0. 0.	1.	0. 0.	
CBEAM CBEAM	150 151	150 151	276	279	1.	1.	0. 0.		CBEAM 1096 CBEAM 1097	1096 1097	52 193	193 51	0. 0.	1.	0. 0.	
CBEAM	152 153	152 153	279 290	290 293	1.	1.	0.	+154BM	CBEAM 1098 +1098BM	1098 56	51	22	0.	1.	0.	+1098BM
CBEAM +154BM	154	154 456	293	79	1.	1.	0.	+134BM	CBEAM 1099	1099 1100	22 21	21 20	0. 0.	1. 1.	0. 0.	
CBEAM CBEAM	160 161	160 161	295 117	300 300	1. 1.	1. 1.	0. 0.		CBEAM 1100 CBEAM 1101	1101	20	19	0.	1.	0.	
CBEAM	162 163	162 163	300 79	79 114	1. 1.	1. 1.	o. o.		CBEAM 1102 CBEAM 1103	1102 1103	68 67	67 185	0.	1.	0. 0.	
CBEAM CBEAM	164 165	164 165	283 295	295 294	1. 1.	1. 1.	0. 0.	į	CBEAM 1104 CBEAM 1105	1104 1105	185 65	65 190	0.	1.	0.	
CBEAM CBEAM	166 167	166 167	293 282	292 291	1.	1. 1.	0. 0.		CBEAM 1106 CBEAM 1107	1106 1107	190 64	64 63	0.	1. 1.	0. 0.	
CBEAM CBEAM	168 169	168 169	290 279	280 271	1. 1.	1.	o. o.	+169BM	CBEAM 1108 CBEAM 1109	1108 1109	63 62	62 61	0. 0.	1. 1.	0. 0.	
+169BM	456	170	271	278	1.	1.	0.	+170BM	CBEAM 1110 CBEAM 1111	1110 1111	61 60	60 19	0. 0.	1. 1.	0. 0.	
CBEAM +170BM	170	56		277	1.	1.	0.		CBEAM 1112 CBEAM 1113	1112 1113	245 244	244 243	0.	1. 1.	0. 0.	
CBEAM CBEAM	171 172	171 172	281 276	275	1.	1.	0.		CBEAM 1114 CBEAM 1115	1114 1115	243 242	242 143	o. o.	1.	0. 0.	
CBEAM CBEAM	173 174	173 174	464 466	465 467	1.	1.	0.	. 125774	CBEAM 1116 CBEAM 1117	1116 1117	81 80	80 186	0.	1.	0.	
CBEAM +175BM	175 46	175	271	272	1.	1.	0.	+175BM	CBEAM 1118	1118	186	78	ŏ.	1.	0.	
CBEAM CBEAM	176 177	176 177	273 241	241 299	1. 1.	1. 1.	0. 0.		CBEAM 1119 CBEAM 1120	1119 1120	78 191	191 77	0.	1.	0.	
CBEAM CBEAM	178 179	178 179	299 272	272 274	1.	1. 1.	0. 0.		CBEAM 1121 CBEAM 1122	1121 1122	77 76	76 75	0. 0.	1.	0. 0.	
CBEAM CBEAM	180 181	180 181	274 195	233 296	1. 1.	1. 1.	0. 0.	+181BM	CBEAM 1123 CBEAM 1124	1123 1124	75 74	74 73	0.	1.	0.	
+181BM CBEAM	56 182	182	296	196	1.	1.	٥.	+182BM	CBEAM 1125 CBEAM 1126	1125 1126	73 88	72 87	0.	1.	0.	+1126BM
+182BM CBEAM	1001	56 1001	33	39	1.	0.	0.		CBEAM 1127 CBEAM 1128	1127 1128	87 86	86 85	0. 0.	1.	0.	+1128BM
CBEAM	1002 1003	1002 1003	39 47	47 56	1.	0. 0.	0. 0.		CBEAM 1131 CBEAM 1132	1131 1132	7 6	18 16	1. 1.	0. 0.	0. 0.	
CBEAM	1004 1005	1004 1005	56 68	68 81	1.	0.	0.		CBEAM 1133 CBEAM 1134	1133 1134	16 17	17 30	1.	0. 0.	0. 0.	+BM1134
CBEAM	1007	1007	32 30	38 38	1.	0.	0.		+BM1134 5 CBEAM 1135	1135	176	180	1.	0.	0.	
CBEAM	1009	1010	38	46 55	1.	0.	ö.		CBEAM 1136 CBEAM 1137	1136 1137	5 14	14 15	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	1011 1012	1011	46 55	67	1.	0.	0. 0.		CBEAM 1138 +BM1138 5	1138	15	27	1.	0.	0.	+BM1138
CBEAM CBEAM	1013 1014	1013	67 181	80 182	1.	0.	0.		CBEAM 1139 CBEAM 1140	1139 1140	175 4	179 12	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	1015 1016	1015 1016	182 183	183 184	1.	0. 0.	0. 0.		CBEAM 1141 CBEAM 1142	1141 1142	12 13	13 25	1.	0.	0.	+BM1142
CBEAM CBEAM	1017 1018	1017 1018	184 185	185 186	1.	0.	0.		+BM1142 5		174	178	1.	0.	0.	
CBEAM CBEAM	1020 1022	1020 1022	29 27	44 44	1. 1.	0. 0.	0. 0.		CBEAM 1143 CBEAM 1144	1143 1144	3	10	1.	0.	0.	
CBEAM CBEAM	1023 1024	1023 1024	44 53	53 65	1. 1.	0. 0.	0. 0.		CBEAM 1145 CBEAM 1146	1145 1146	10 11	11 23	1.	0. 0.	0.	+BM1146
CBEAM CBEAM	1025 1026	1025 1026	65 187	78 188	1. 1.	0. 0.	0. 0.	+1026BM	+BM1146 5 CBEAM 1147	1147	173	177	1.	0.	0.	
+1026BN CBEAM		1027	188	189	1.	0.	0.		CBEAM 1148 CBEAM 1149	1148 1149	2 194	194 9	1.	0. 0.	0. 0.	
CBEAM	1028	1028	189 190	190 191	1.	0.	ŏ.		CBEAM 1150 +BM1150 5	1150	9	20	1.	0.	0.	+BM1150
CBEAM	1029	1029	26	52	1.	0.	0.		CBEAM 1151 CBEAM 1152	1151 1152	1 6	8 7	1.	0. 0.	0. 0.	
CBEAM	1033 1034	1033	25 52	52 64	1.	o. o.	o. o.		CBEAM 1153	1153 1154	176 5	6 176	i.	0. 0.	0. 0.	
CBEAM CBEAM	1035 1036	1035 1036	64 64	245 77	1.	o. o.	0.		CBEAM 1155	1155	175	5 175	1.	0.	0.	
CBEAM CBEAM	1037 1038	1037 1038	245 192	77 193	1. 1.	o.	0.		CBEAM 1156 CBEAM 1157	1156 1157	174	4	1. 1.	0. 0.	0.	
CBEAM	1039	1039	193	63	1.	0.	0.	!	CBEAM 1158	1158	3	174	1.	٠.	0.	

					•	٥.	1	+BM2017	456							
CBEAM 1159 CBEAM 1160	1159 1160	173 2	3 173	1.	0. 0.	0.	l	CBEAM	2018	2018	510	260	1.	1.	0.	
CBEAM 1161	1161	1	2	1.	0.	0.	Ī		2019 2020	2019 2020	260 521	521 265	1. 1.	1.	0.	+BM2020
CBEAM 1162 CBEAM 1163	1162 1163	16 180	18 16	1.	0. 0.	0. 0.		+BM2020	2020	456						
CBEAM 1164	1164	14	180	1.	0.	0.			2021	2021	256	511	1.	1.	0.	+BM2021
CBEAM 1165	1165 1166	179 12	14 179	1. 1.	0. 0.	0. 0.		+BM2021 CBEAM	2022	2022	511	261	1.	1.	0.	+BM2022
CBEAM 1166 CBEAM 1167	1167	178	12	i.	ő.	٥.		+BM2022		456	261	500	,	1.	0.	+BM2023
CBEAM 1168	1168	10	178	1.	0. 0.	0. 0.			2023 456	2023	261	522	1.	1.	٥.	10112023
CBEAM 1169 CBEAM 1170	1169 1170	177 194	10 177	1. 1.	o.	ö.	1	CBEAM	2024	2024	522	266	1.	1.	0.	+BM2024
CBEAM 1171	1171	8	194	1.	0.	0.	+BM1181	+BM2024 CBEAM	2031	456 2031	251	501	1.	1.	0.	+BM2031
CBEAM 1181 +BM1181	1181 456	81	95	1.	0.	0.	10111101	+BM2031		2031		•••				
CBEAM 1182	1182	95	142	1.	0.	0.			2032	2032	501	252 502	1.	1.	0. 0.	
CBEAM 1183	1183	142	101 107	1.	0. 0.	0. 0.	1		2033 2034	2033 2034	252 502	253	1.	1.	0.	
CBEAM 1184 CBEAM 1185	1184 1185	101 107	113	i.	ō.	o.	<u>}</u>	CBEAM	2035	2035	253	503	1.	1.	0.	
CBEAM 1186	1186	93	141	1.	0.	0. 0.			2036 2037	2036 2037	503 254	254 504	1.	1. 1.	0.	
CBEAM 1187 CBEAM 1188	1187 1188	141 100	100 106	1.	0. 0.	0.			2038	2038	504	255	1.	1.	0.	
CBEAM 1189	1189	106	112	1.	0.	0.	.500.100		2039 2040	2039 2040	255 505	505 256	1. 1.	1. 1.	o. o.	+BM2040
CBEAM 1190 +BM1190	1190 4 56	186	124	1.	0.	0.	+BM1190	CBEAM +BM2040	2040	456		230	••			
CBEAM 1191	1191	124	140	1.	0.	0.			2041	2041	233	512	1.	1.	0.	
CBEAM 1192	1192	140 127	127 130	1. 1.	0. 0.	0. 0.			2042 2043	2042 2043	512 257	257 513	1.	1. 1.	ő.	
CBEAM 1193 CBEAM 1194	1193 119 4	130	133	1.	o.	0.		CBEAM	2044	2044	513	258	1.	1.	0.	
CBEAM 1195	1195	92	139	1.	0. 0.	0. 0.			2045 2046	2045 2046	258 514	514 259	1.	1.	0. 0.	
CBEAM 1196 CBEAM 1197	1196 1197	139 99	99 105	1. 1.	0.	0.		CBEAM	2047	2017	259	515	1.	1.	0.	
CBEAM 1198	1198	105	111	1.	0.	0.			2048 2049	2048 2049	515 260	260 516	1. 1.	1.	0. 0.	
CBEAM 1199 +BM1199	1199 4 56	191	123	1.	0.	0.	+BM1199	CBEAM	2050	2050	516	261	1.	1.	o.	+BM2050
CBEAM 1200	1200	123	138	1.	0.	0.		+BM2050	0051	456	262	E 22	1	1	٥	+BM2051
CBEAM 1201	1201	138	126	1.	0.	0.			2051 456	2051	262	523	1.	1.	0.	PBNLOJI
CBEAM 1202 CBEAM 1203	1202 1203	126 129	129 132	1. 1.	0. 0.	0. 0.	ļ	CBEAM	2052	2052	523	263	1.	1.	0.	
CBEAM 1204	1204	91	137	1.	0.	0.			2053 2054	2053 2054	263 524	524 264	1.	1. 1.	0. 0.	
CBEAM 1205 CBEAM 1206	1205 1206	137 98	98 104	1.	0. 0.	0. 0.			2055	2055	264	525	1.	1.	0.	
CBEAM 1207	1207	104	110	1.	0.	0.			2056	2056	525	265 526	1.	1. 1.	0. 0.	
CBEAM 1208 CBEAM 1209	1208 1209	122 136	136 125	1. 1.	0. 0.	0. 0.			2057 2058	2057 2058	265 526	266	i.	1.	o.	+BM2058
CBEAM 1209 CBEAM 1210	1210	125	128	1.	0.	0.	ļ	+BM2058		456		2020			0.	
CBEAM 1211	1211	128	131	1.	0.	0. 0.	+BM1212		3026 3027	3026 3027	19 3016	3020 3021	0.	1.	0.	
CBEAM 1212 +BM1212	1212 456	76	90	1.	0.	٧.		CBEAM	3028	3028	3017	3018	1.	0.	0.	
CBEAM 1213	1213	90	135	1.	0.	0.			3029 3030	3029 3030	3018 3019	3019 3020	1. 1.	O.	0. 0.	
CBEAM 1214 CBEAM 1215	1214 1215	135 97	97 103	1. 1.	0. 0.	0. 0.			3031	3031	3020	3021	1.	0.	0.	
CBEAM 1216	1216	103	109	1.	0.	0.			3032	3032 5	3021	3022	1.	0.	0.	+3032
CBEAM 1217	1217	89 134	134 96	1.	0. 0.	0. 0.		+3032 CBEAM	5002	5002	153	267	1.	0.	0.	
CBEAM 1218 CBEAM 1219	1218 1219	96	102	1.	0.	0.		CBEAM	5051	5051	156	458	1.	0.	0.	
CBEAM 1220	1220	102	108	1.	0. 0.	0. 0.			5052 5053	5052 5053	458 459	459 268	1.	0. 0.	o. o.	
CBEAM 1231 CBEAM 1232	1231 1232	141 140	142 141	1.	0.	o.		CELAS2	61	36.686	34	5	35	5		
CBEAM 1233	1233	139	140	1.	0.	0.			62 63	71.0E6 94.1E6	40 48	5 5	41 49	5 5		
CBEAM 1234 CBEAM 1235	1234 1235	138 137	139 138	1.	0. 0.	0. 0.	i	CELAS2	64	132.4E6	57	5	58	5		
CBEAM 1236	1236	136	137	1.	o.	0.	i		65	110.0E6	69 82	5 5	70 83	5 5		
CBEAM 1237 CBEAM 1239	1237 1238	135 134	136 135	1. 1.	0. 0.	0. 0.			66 67	5.0E6	115	5	116	5		
CBEAM 1241	1241	100	101	1.	o.	0.	1		191	11.25E		5 5	276 290	5 5		
CBEAM 1242 CBEAM 1243	1242 1243	127 99	100 127	1. 1.	0. 0.	o.	Ì		192 193	22.0E6 9.68E6		5	293	5		
CBEAM 1244	1244	126	99	1.	0.	0.			194	156610.		3	195 196	3		
CBEAM 1245 CBEAM 1246	1245 1246	98 125	126 98	1. 1.	o. o.	0. 0.			195 1172	67829. 5650000		4	30	4		
CBEAM 1247	1247	97	125	1.	0.	0.		CELAS2	1173	5590000	15	4	27	4		
CBEAM 1248 CBEAM 1251	1248 1251	96 106	97 107	1. 1.	0. 0.	0. 0.			1174 1175	2030000		4	25 23	ì		
CBEAM 1251 CBEAM 1252	1252	130	106	î.	0.	0.		CELAS2	1221	3307000		4	141	4		
CBEAM 1253	1253 1254	105 129	130 105	1. 1.	o. o.	0. 0.			1222 1223	268300. 137300.		4	140 139	4		
CBEAM 1254 CBEAM 1255	1254	104	129	1.	ő.	o.	}	CELAS2	1224	105200.	. 139	4	138	4		
CBEAM 1256	1256	128	104	1.	0.	o. o.			1225 1226	85600. 69900.		4	137 136	1		
CBEAM 1257 CBEAM 1258	1257 1258	103 102	128 103	1. 1.	o. o.	0.		CELAS2	1227	57700.	136	4	135	4		
CBEAM 1261	1261	112	113	1.	0.	0. 0.			1228 1229	40000. 6229750		4 .	134 119	4		
CBEAM 1262 CBEAM 1263	1262 1263	133 111	112 133	1.	0.	0.		CONM1	301	19	0	•				+301
CBEAM 1264	1264	132	111	1.	٥.	0.			9.565 302	72	0					+302
CBEAM 1265 CBEAM 1266	1265 1266	110 131	132 110	1. 1.	0.	0. 0.		+302	6.770	,,	v					
CBEAM 1267	1267	109	131	1.	o.	0.			303	20	0					+303
CBEAM 1268 CBEAM 2001	1268 2001	108 251	109 506	1. 1.	0. 1.	0. 0.	+BM2001		7.972	60	0					+304
+BM2001 456	2001	271		••	••			+304	10.110							+305
CBEAM 2002	2002	506 233	233 517	1. 1.	1. 1.	0. 0.			305 7.755	73	0					7305
CBEAM 2003 CBEAM 2004	2003 2004	517	262	1.	1.	0.	+BM2004	CONM1	306	21	0					+306
+BM2004	456					•	+BM2005		13.712 307	61	0					+307
CBEAM 2005 +BM2005 456	2005	252	507	1.	1.	0.	*BM2003	+307	20.285	01						
CBEAM 2006	2006	507	257	1.	1.	0.	į	CONM1 +308	308 9.982	74	0					+308
CBEAM 2007 CBEAM 2008	2007 2008	257 518	518 262	1.	1. 1.	0. 0.	+BM2008	CONMI	309	51	0					+309
+BM2008	456							+309	32.156							+310
CBEAM 2009	2009	253	508	1.	1.	0.	+BM2009	CONM1 +310	310 25.281	62	0					+310
+BM2009 456 CBEAM 2010	2010	508	258	1.	1.	0.		CONMI	311	75	0					+311
CBEAM 2011	2011	258	519	1.	1.	0.	+BM2012	+311 CONM1	14.285 312	26	0					+312
CBEAM 2012 +BM2012	2012 456	519	263	1.	1.	0.		+312	42.942							
CBEAM 2013	2013	254	509	1.	1.	0.	+BM2013	CONM1 +313	313 57.288	52	0					+313
+BM2013 456 CBEAM 2014	2014	509	259	1.	1.	٥.		CONM1	314	64	0					+314
CBEAM 2015	2015	259	520	1.	1.	٥.		+314	46.648		0					+315
CBEAM 2016	2016 4 56	520	264	1.	1.	٥.	+BM2016	CONM1 +315	315 20.983	77	v					
+BM2016 CBEAM 2017	2017	255	510	1.	1.	٥.	+BM2017	CONM1	316	29	0					+316

+316	60.677		•	+317	+396 CONM1	1799.25 397	71	0			+397
CONM1 +317	317 80.964	44	0		+397	1412.77		0			+398
CONM1 +318	318 74.861	53	0	+318	CONM1 +398	398 893.77	286	U			
CONM1	319	65	0	+319	CONM1 +399	399 335.19	284	0			+399
+319 CONM1	56.266 320	78	0	+320	CONM1	400	281	0			+400
+320	28.341				+400 CONM1	708.33 401	163	0	314.21		
CONM1 +321	321 37.854	33	0	+321	CONM1	402	153	0	463.77		
CONM1	322	39	0	+322	CONM1	403 404	154 155	0	870.68 1299.38		
+322 CONM1	99.621 323	47	0	+323	CONM1	405	156	0	1545.78		
+323	105.244			+324	CONM1 CONM1	406 407	42 71	0	2036.16 2468.11		
CONM1 +324	324 95.811	56	0	1	CONM1	408	286	0	893.77		
CONMI	325	68	0	+325	CONM1 CONM1	409 410	284 281	0	311.29 796.72		
+325 CONM1	83.620 326	81	0	+326	CONM1	411	153	0			+411 +411A
+326	33.148	85	0	+341	+411 +411A		119126.				
CONM1 +341	341 .6	85	v	ł	COMM1	412	154	0			+412 +412A
CONM1	342 1.6	86	0	+342	+412 +412A		498740.				
+342 CONM1	343	87	0	+343	COMM1	413	155	0			+413 +413A
+343 CONM1	1.8 344	88	0	+344	+413 +413A		233410.				
+344	1.			+345	CONM1 +414	414	156	0			+414 +414A
CONM1 +345	345 12.03	6	0	+345	+414A		865169.				
CONM1	346	17	0	+346	CONM1 +415	415	42	0			+415 +415A
+346 CONM1	57.78 347	5	0	+347	+415A		1051483				
+347	10.08			+348	CONM1 +416	416	71	0			+416 +416A
CONM1 +348	348 42.72	15	0	İ	+416A		1042917				+417
CONM1	349	4	0	+349	CONM1 +417	417	286	0			+417A
+349 CONM1	6.92 350	13	0	+350	+417A		556929.				+418
+350	27.67		0	+351	CONM1 +418	418	284	0			+418A
CONM1 +351	351 5.17	3			+418A	• • • •	756147.	•			+430
CONM1 +352	352 27.65	11	0	+352	CONM1 +430	430 -82.94	195	0			
CONM1	353	2	0	+353	CONM1	431	296	0	3803477		+431
+353 CONM1	4.08 354	9	0	+354	+431 CONM1	432	296	0	3003417	•	+432
+354	3.71			+355	+432 CONM1	2073.44 433	42	0		12204.0	
CONM1 +355	355 9.133	95	0	7355	CONM1	434	437	ō			+434
CONM1	356	107	0	+356	+434 +434A						+434A 19.7E6
+356 CONMI	6.765 357	113	0	+357	CONM1	435	281	0			+435
+357	.022	93	0	+358	+435 +435A						+435A 945062.
CONM1 +358	358 10.32	93	·		CONM1	436	410	0			+436 +436A
CONM1	359	106	0	+359	+436 +436A		502624.				
+359 CONM1	10.12 360	112	0	+360	CONM1	437	410	0			+437 +437A
+360 CONM1	.149 361	124	0	+361	+437 +437A						3604069.
+361	5.816			.262	CONM1 CONM1	438 446	410 251	0	1990.5		+446
CONM1 +362	362 7.986	130	0	+362	+446	4.65					
CONM1							252	0			+447
	363	133	0	+363	CONM1 +447	447 5.123					
+363 CONM1	.998	133 92	0	+363 +364	+447 CONM1	5.123 448	253	0			+448
CONM1 +364	.998 364 4.56	92	0	+364	+447 CONM1 +448	5.123 448 4.812	253	0			+448 +449
CONM1 +364 CONM1 +365	.998 364 4.56 365 6.797	92 105	0	+364 +365	+447 CONM1 +448 CONM1 +449	5.123 448 4.812 449 3.069	253 254	0			+449
CONM1 +364 CONM1 +365 CONM1	.998 364 4.56 365 6.797 366	92	0	+364	+447 CONM1 +448 CONM1 +449 CONM1 +450	5.123 448 4.812 449 3.069 450 1.73	253 254 255	0			+449 +450
CONM1 +364 CONM1 +365 CONM1 +366 CONM1	.998 364 4.56 365 6.797 366 .952 367	92 105	0	+364 +365	+447 COMM1 +448 COMM1 +449 COMM1 +450 COMM1	5.123 448 4.812 449 3.069 450 1.73 451	253 254	0			+449
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367	.998 364 4.56 365 6.797 366 .952 367 3.296	92 105 111 123	0 0 0	+364 +365 +366	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452	253 254 255 256 233	0			+449 +450
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +368	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727	92 105 111 123 129	0 0 0 0	+364 +365 +366 +367 +368	+447 COMM1 +448 COMM1 +449 COMM1 +450 COMM1 COMM1 +451 COMM1 +452	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302	253 254 255 256 233	0 0 0			+449 +450 +451
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1	.998 364 4.56 365 6.797 366 .952 367 3.296 368	92 105 111 123	0 0 0 0 0	+364 +365 +366 +367 +368 +369	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +451 CONM1 +453	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053	253 254 255 256 233 257	0 0 0 0			+449 +450 +951 +452 +453
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +368 CONM1 +369 CONM1	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727 369 .647 370	92 105 111 123 129	0 0 0 0	+364 +365 +366 +367 +368	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454	253 254 255 256 233	0 0 0			+449 +450 +951 +452 +453 +454
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +368 CONM1 +369 CONM1	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727 369 .647 370 2.069 371	92 105 111 123 129 132	0 0 0 0 0	+364 +365 +366 +367 +368 +369	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1 +453	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455	253 254 255 256 233 257	0 0 0 0			+449 +450 +951 +452 +453
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +368 CONM1 +369 CONM1 +370 CONM1	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727 369 .647 370 2.069 3.014	92 105 111 123 129 132 91	0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1 +453	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674	253 254 255 256 233 257 258	0 0 0 0 0 0			+449 +450 +951 +452 +453 +454
COMM1 +364 CONM1 +365 CONM1 +366 COMM1 +367 COMM1 +369 COMM1 +370 COMM1 +371 COMM1 +372	.998 364 4.56 365 6.797 366 .952 367 3.296 3.296 3.296 3.297 3.014 3.72 3.72	92 105 111 123 129 132 91 104	0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1 +455 CONM1 +454 CONM1 +454	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455 11.742 456 7.391	253 254 255 256 233 257 258 259 260	0 0 0 0 0 0			+449 +450 +451 +452 +453 +454 +455
COMM1 +365 CONM1 +365 CONM1 +366 COIM1 +368 COMM1 +368 COMM1 +370 COMM1 +371 COMM1 +371 COMM1	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727 370 2.069 371 3.014 372 .477	92 105 111 123 129 132 91	0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1 +455 CONM1 +456 CONM1 +456	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455 11.742 456 7.391 457	253 254 255 256 233 257 258 259 260 261	0 0 0 0 0 0 0			+449 +450 +451 +452 +453 +454 +455 +856 +857
COM1 +364 COM1 +365 COM1 +366 COM1 +367 COM1 +369 COM1 +370 COM1 +371 COM1 +371 COM1 +372 COM1 +373 COM1 +373 COM1	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727 369 .647 370 2.069 371 3.014 372 477 373 1.784	92 105 111 123 129 132 91 104	0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +452 CONM1 +453 CONM1 +454 CONM1 +454 CONM1 +454 CONM1 +454	5.123 448 4.812 449 4.50 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455 11.742 456 7.391 457 2.877 458	253 254 255 256 233 257 258 259 260	0 0 0 0 0 0			+449 +450 +451 +452 +453 +454 +455
COMM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +369 CONM1 +370 CONM1 +371 CONM1 +373 CONM1 +373 CONM1 +373 CONM1	.998 364 4.56 365 6.797 366 .952 367 3.296 364 7.27 370 2.069 371 3.014 373 1.784 374	92 105 111 123 129 132 91 104 110 122	0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +453 CONM1 +454 CONM1 +455 CONM1 +455 CONM1 +455 CONM1 +455 CONM1 +456 CONM1 +457 CONM1 +458 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455 11.742 456 7.391 457 458 3.675 459	253 254 255 256 233 257 258 259 260 261	0 0 0 0 0 0 0			+449 +450 +451 +452 +453 +454 +455 +856 +857
COM1 +365 COM1 +365 COM1 +366 COM1 +366 COM1 +367 COM1 +369 COM1 +370 COM1 +371 COM1 +372 COM1 +373 COM1 +373 COM1 +373 COM1 +374 COM1 +375	.998 364 4.56 365 6.797 366 .952 367 3.296 368 4.727 370 3.014 3.014 3.72 .477 373 1.784 373 2.632	92 105 111 123 129 132 91 104 110 122 128	0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374	#447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +455 CONM1 +455 CONM1 +456 CONM1 +457 CONM1 +457 CONM1 +457 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455 11.742 457 2.887 458 3.675 459 3.064	253 254 255 256 233 257 258 259 260 261 262 263	0 0 0 0 0 0 0 0			+449 +450 +451 +452 +453 +454 +455 +456 +457
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +368 CONM1 +370 CONM1 +371 CONM1 +372 CONM1 +373 CONM1 +373 CONM1	.998 364 4.56 365 6.797 366 6.797 369 369 369 3.296 369 370 2.069 371 3.014 377 373 1.784 374 2.632 375 376 1.644	92 105 111 123 129 132 91 104 110 122 128 131	0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375	+447 CONM1 +448 CONM1 +459 CONM1 +451 CONM1 +451 CONM1 +453 CONM1 +455 CONM1 +456 CONM1 +457 CONM1 +458 CONM1 +459 CONM1 +559 CONM1	5.123 448 4.812 3.069 450 1.73 451 176.302 453 31.053 454 17.674 455 11.742 456 7.391 457 2.877 458 457 2.877 458 459 2.644 460 460 460 460 460 460 460 460 460	253 254 255 256 233 257 258 259 260 261 262 263 264	0 0 0 0 0 0 0 0 0			+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +459
COM1 +365 COM1 +365 COM1 +365 COM1 +367 COM1 +368 COM1 +370 COM1 +371 COM1 +372 COM1 +373 COM1 +373 COM1 +373 COM1 +373 COM1 +373 COM1 +376 COM1	.998 364 4.56 365 6.797 366 6.797 369 3.296 3.296 3.296 3.70 2.069 371 3.014 3.72 373 373 1.784 374 2.632 375 .435	92 105 111 123 129 132 91 104 110 122 128	0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374	+847 CONM1 +848 CONM1 +849 CONM1 +850 CONM1 +851 CONM1 +852 CONM1 +852 CONM1 +855 CONM1 +856 CONM1 +856 CONM1 +858 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 2.547 452 176.302 453 31.053 454 17.674 455 11.742 456 7.391 457 458 3.675 3.675 3.664 460	253 254 255 256 233 257 258 259 260 261 262 263	0 0 0 0 0 0 0 0 0			+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +460 +460
CONM1 +364 CONM1 +365 CONM1 +367 CONM1 +369 CONM1 +370 CONM1 +370 CONM1 +371 CONM1 +372 CONM1 +373 CONM1 +373 CONM1 +373 CONM1 +373 CONM1 +373 CONM1 +373 CONM1 +373 CONM1 +373 CONM1	.998 364 4.56 365 6.797 366 6.797 366 3.296 368 4.727 370 2.069 371 3.014 372 477 373 372 477 373 374 2.632 375 1.784 374 2.632 375 1.644 377 2.354	92 105 111 123 129 132 91 104 110 122 128 131	0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375	+847 CONM1 +848 CONM1 +449 CONM1 +450 CONM1 +453 CONM1 +453 CONM1 +454 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +457 CONM1 +459 CONM1 +459 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1 +454 CONM1 +455 CONM1 +455 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 +460 CONM1 -460	5.123 448 4.812 449 450 450 1.73 451 2.547 453 31.053 454 17.674 455 11.742 456 7.391 457 458 2.877 458 3.675 459 2.838 461 2.734 462 463 464 465 465 467 467 467 467 467 467 467 467 467 467	253 254 255 256 233 257 258 259 260 261 262 263 264	0 0 0 0 0 0 0 0 0			+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +459
CONM1 +364 CONM1 +365 CONM1 +366 CONM1 +367 CONM1 +369 CONM1 +370 CONM1 +371 CONM1 +372 CONM1 +373 CONM1 +374 CONM1 +375 CONM1 +376 CONM1 +377 CONM1 +377 CONM1	.998 364 4.56 365 4.56 367 366 -797 366 368 4.727 369 2.069 371 3.014 372 .477 373 1.784 374 2.632 375 1.644 377 1.644 377 376 2.354	92 105 111 123 129 132 91 104 110 122 128 131 90 103	0 0 0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375 +376 +377	#447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +452 CONM1 +454 CONM1 +454 CONM1 +455 CONM1 +456 CONM1 +456 CONM1 +459 CONM1 +459 CONM1 +459 CONM1 +459 CONM1 +459 CONM1 +459 CONM1 +459 CONM1 +450 CONM1 +460 CONM1 +600 CONM1 +600 CONM1 +600 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 176.302	253 254 255 256 233 257 258 259 260 261 262 263 264 265 266 407	0 0 0 0 0 0 0 0 0 0 0	18.24		+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +460 +460
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COMM1 +364 CONM1 +365 CONM1 +365 CONM1 +368 COMM1 +369 COMM1 +370 COMM1 +371 COMM1 +372 COMM1 +377 COMM1 -377	.998 364 4.56 365 6.797 366 6.797 369 369 369 369 369 367 370 2.069 371 3.014 377 373 1.784 378 2.632 375 1.644 377 2.354 378 2.2354 378 2.2354 379 .651	92 105 111 123 129 132 91 104 110 122 128 131 90 103	0 0 0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375 +376 +377 +378 +379	#447 CONM1 #448 CONM1 #449 CONM1 #450 CONM1 #450 CONM1 #451 CONM1 #455 CONM1 #456 CONM1 #456 CONM1 #458 CONM1 #458 CONM1 #458 CONM1 #456 CONM1 #456 CONM1 #456 CONM1 #457 CONM1 #458 CONM1 #456 CONM1 #466 CONM1 #467	5.123 448 4.812 449 3.069 450 1.73 451 176.302 453 31.053 31.053 31.7674 455 7.391 457 2.877 458 456 7.391 452 2.73 462 2.973 462 2.973 462 503 504 505	253 254 255 256 233 257 258 259 260 261 262 263 264 265 266 407 367 409 368		24.64 23.43 30.93 4.55		+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +460 +460
COM1 +364 COM1 +365 COM1 +365 COM1 +367 COM1 +369 COM1 +370 COM1 +371 COM1 +372 COM1 +372 COM1 +373 COM1 +373 COM1 +373 COM1 +373 COM1 +376 COM1 +377 COM1 +377 COM1 +377 COM1 +377 COM1 +377 COM1 +378 COM1 +379 COM1 +380 COM1 +	.998 364 4.56 365 6.797 366 6.797 366 363 3.296 363 3.296 367 370 3.014 3.72 373 1.784 374 2.632 375 4.35 376 1.644 377 2.154 377 2.154 377 1.784 377 1.784 375 1.784 377 1.784 375 1.784 377 1.784 375 1.784 377 1.785 1.78	92 105 111 123 129 132 91 104 110 122 128 131 90 103 109 89	0 0 0 0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375 +376 +377 +378 +379 +380	#447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +456 CONM1 +456 CONM1 +458 CONM1 +458 CONM1 +459 CONM1 +459 CONM1 CONM1 CONM1 CONM1 CONM1	5.123 448 4.812 449 3.069 450 1.73 451 176.302 453 31.053 454 17.674 455 7.391 457 2.877 2.877 2.877 458 3.675 3.064 460 2.838 461 5.73 462 501 502 503 504 507	253 254 255 256 233 257 259 260 261 262 263 264 265 266 407 409 3367 409 3367 409 3368 3368 3368 3368 3384		24.64 23.43 30.93 4.55 15.9 15.24		+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +460 +460
CONM1 +364 CONM1 +365 CONM1 +365 CONM1 +368 CONM1 +369 CONM1 +370 CONM1 +377 CONM1 +378 CONM1 +379 CONM1 +380 CONM1 +380 CONM1 +381	.998 364 4.56 367 369 365 6.797 366 .952 367 379 370 2.069 371 373 374 2.632 375 .437 2.354 377 2.354 377 2.354 377 2.354 379 .272	92 105 111 123 129 132 91 104 110 122 128 131 90 103 109 89 102 108 163	0 0 0 0 0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375 +376 +377 +378 +379 +380 +381 +391	+447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +451 CONM1 +452 CONM1 +455 CONM1 +456 CONM1 +458 CONM1 +458 CONM1 +461 CONM1 +461 CONM1 CONM1 CONM1 CONM1 CONM1	5.123 448 4.8812 449 3.069 4500 4501 451 452 453 454 456 7.391 457 456 7.391 457 458 3.675 458 3.675 458 3.675 458 3.675 459 3.064 461 2.73 462 2.976 502 502 503 504 505 506	253 254 255 256 233 257 258 259 260 261 262 263 264 265 266 407 409 367 408 368 359		24-64 23-43 30.93 4.55 15.9		+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +460 +460
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COMM1 +364 COMM1 +365 COMM1 +365 COMM1 +367 COMM1 +369 COMM1 +370 COMM1 +371 COMM1 +373 COMM1 +373 COMM1 +373 COMM1 +373 COMM1 +373 COMM1 +376 COMM1 +377 COMM1 +377 COMM1 +378 COMM1 +378 COMM1 +378 COMM1 +379 COMM1 +391 COMM1 +391 COMM1 +391 COMM1 +393 COMM1 -393	.998 364 4.56 365 6.797 366 6.797 366 369 368 4.727 369 371 3.014 372 2.667 373 3.75 3.75 4.15 376 1.644 378 2.354 378 2.354 378 2.354 378 2.354 378 378 378 378 378 378 378 378 378 378	92 105 111 123 129 132 91 104 110 122 128 131 90 103 109 89 102 108 163 153 154 155 3 156	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	+364 +365 +366 +367 +368 +369 +370 +371 +372 +373 +374 +375 +376 +377 +378 +379 +380 +381 +391 +392 +393 +394	#447 CONM1 +448 CONM1 +449 CONM1 +450 CONM1 +451 CONM1 +452 CONM1 +453 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 +456 CONM1 -457 CONM1 -457 CONM1 -458 CONM1 -459 CONM1 -459 CONM1 -450 CONM1	5.123 448 4.812 3.069 450 1.73 451 176.302 453 31.053 31.053 31.053 31.7674 452 7.391 457 2.877 3.675 3.675 3.675 3.675 506 507 508 507 508 509 510 511 512 513 514	253 254 255 256 233 257 258 259 260 261 262 263 264 265 266 407 307 409 3367 409 3367 409 3368 339 3360 3390 3370 3361		24.64 23.43 30.93 4.55 15.9 15.24 .75 3.81 6.67 5.77 1.11 2.55		+449 +450 +951 +452 +453 +454 +455 +456 +457 +458 +460 +460

Column 196	CONM1 CONM1	518 519	362 387	0	2.9 2.4					CQUAD4 CQUAD4	672 673	672 673	1105 1138 1126	1111 1126 1129	1132 1098 1104	1129 1137 1098			
Column 19	CONM1	521	393	0	.37					CQUAD4 CQUAD4	675 676	675 6 76	1129 1137	1132 1098	1110 1125	1104 1136			
1968	CONM1	523 524	364 381	0	2.66					CQUAD4	678	678	1104	1110	1131 1097	1128 1135			
941	CONM1	526	281	•		822933.				CQUAD4 CQUAD4	681	681	1128	1131	1109	1103			
County Mark 1982 1983 1984 1985 1984	+3042				56.69	38266.	56.69	35266.	+3042A	CQUAD4 CQUAD4	683 684	683 684	1097 1103	1103 1109	1102 1108	1096 1102			
State 1967 1967 1967 1967 1967 1968 1969	CONM1 +3043	-4.70	3019		26 01		35 01			CQUAD4	1602	602	2039	2047	2046	2038			
Section 1969	+3044	50.01			33.01		33.71			CQUAD4 CQUAD4	1604 1605	604 605	2068	2081	2080	2067			
Control 1981 1981 1981 1981 1981 1981 1981 1982	CONM2	3501		8160.8	502.	0.			+000002	CQUAD4 CQUAD4	1608 1609	608 609	2038 2046	2046 2055	2183 2184	2182 2183			
Section Company Comp	CONM2 ++00000	3504 366538.0	3501 1	6769.7		0.	62828.60			CQUAD4	1611	611	2067 2182	2080 2183	2186 2044	2185 2029			
COMMINE CARRY STATE AND ALL ST	CONROD CONROD	2201 2202	233 233	1233 2233	2	.0001				CQUAD4	1615	615	2184	2185	2065	2053			
Common C	CONROD	2204 2205	251	2251 1252	2	.0001				CQUAD4 CQUAD4	1618 1619	618 619	2027 2044	2044 2053	2189	2188			
2009 24 14 15 2	CONROD	2207	253	1253	2	.0001				CQUAD4 CQUAD4	1621 1623	621 623	2065 2188	2078 2189	2191 2052	2190 2026			
CORRES 2212 255 255 25 250 25 250 25 25	CONROD	2209 2210	254 254	1254 2254	2	.0001				CQUAD4	1625	625	2190	2191	2077	2064			
Common 1974 279	CONROD	2212 2213	255 256	2255 1256	2	.0001				CQUAD4 CQUAD4	1632	632	2192	2193	2051	2024			
Company 1	CONROD	2215	257	1257	2	.0001				CQUAD4 CQUAD4	1634 1635	634 635	2063 2245	2245 2076	2244 2075	2062 2244			
Company 12-19 22	CONROD	2218	258	2258	2	.0001				CQUAD4 CQUAD4	1640 1641	640 641	2062 2244	2244 2075	2243 2074	2061 2243			
Company 2223 261 1968 2 0001	CONROD CONROD	2220 2221	259 260	2259 1260	2	.0001				CQUAD4	1644	644	2061	2243	2242	2060			
CONNESS 2222 222 2 2 2000	CONROD	2223 2224	261 261	1261 2261	2	.0001				CQUAD4 CQUAD4	1648 1649	649	2242	2073	2072	2143			
CORRED 2239 244 2246 2 0001 CORRED 2231 264 2246 2 0001 CORRED 2231 265 1246 2 0001 CORRED 2331 265 1246 225 205 205 205 205 205 205 205 205 205	CONROD	2226	262	2262	2	.0001				CQUAD4 CQUAD4	1662 1663	662 663	2101 2107	2107 2113	2106 2112	2100 2106			
COMBAD 2231 265 1265 2 .0001 COMBAD 2332 265 266 2 .0001 COMBAD 2332 266 2 .0001 COMBAD 2332 266 266 2 .0001 COMBAD 2332 266 266 2 .0001 COMBAD 2332 266 267 267 267 267 267 267 267 267 26	CONROD	2228 2229	264	1264	2	.0001				CQUAD4	1665	665 666	2100 2106	2106 2112	2130 2133	2127 2130			
COURSE 0301 3018 3020 2 20. CORRES 0301 3018 3020 3022 2 20. CORRES 0301 3018 3020 2 20. CORRES 0301 3018 3020 2 20. CORRES 0301 3018 3020 2 20. CORRES 0301 3020 3022 2 20. CORRES 0301 3020 3020 3020 3020 3020 3020 3020	CONROD	2231 2232	265 265	1265 2265	2	.0001				CQUAD4	1668	668	2127	2130	2105	2099			
CORDIA 3-3 3 30 702 703 702 703 705 705 705 705 705 705 705 705 705 705	CONROD	2234 3033	266 3018	2266 3020	2					CQUAD4 CQUAD4	1670 1671	670 671	2139 2099	2105	2129	2126			
-CORDIA 6.0 - 143.38902 - 331.53005 0.	ÇORD1R	5		702			-294.2	47		CQUAD4 CQUAD4	1673 1674	673 674	2138 2126	2126 2129	2098 2104	2137 2098			
CORDING 19.092002	+CORD31	A 0. 3 -63. 5 74		47100.				27100.		CQUAD4 CQUAD4	1676 1677	676 677	2137 2098	2098 2104	2125 2128	2136 2125			
COURAN 601 103 101 103 1039 1038 1032 1038 1032 COURAN 602 602 1039 1047 1056 1055 1046 1038 COURAN 602 602 1039 1047 1056 1055 1046 COURAN 603 603 1047 1056 1058 1055 1046 COURAN 603 603 1047 1056 1058 1057 1055 COURAN 604 604 1056 1068 1068 1057 1055 COURAN 604 604 1056 1068 1089 1089 1089 1089 1089 1089 1089 108	*CORD1 CORD2R	19.0920 7	0	-234.92 -41.5	23915 -378.0	0. 2 0.	-41.5 -378.0	2 100.	*CORD7	CQUAD4	1679	679	2136	2125	2097	2135			
COURDA 601 604 1056 1068 1069 1077 1095 COURDA 1684 684 2103 2109 2108 2102 1203 1507 1501 +701 1000 1000 1257 1252 1251 1233 1507 1501 +701 1000 1000 1000 1000 1000 1000 10	CQUAD4 CQUAD4	601 602	601 602	1033 1039	1039 1047	1038 1046	1038			CQUAD4 CQUAD4	1681 1682	682	2135	2097	2096	2134			
COURDA 607 607 1038 1182 1181 1030	CQUAD4	604	604	1056	1068	1067	1055			CQUAD4 CQUAD8	1684 701	684 701	2103	2109	2108	2102		1501	+701
COURD 610 610 1095 1067 1185 1184 1029 COURD 703 703 1253 1258 1259 1254 1508 1515 +704 COURD 613 613 613 1182 1183 1044 1029 COURD 704 704 1510 1508 1255 1250 1260 1255 1510 1515 +704 1510 1508 1255 1250 1250 1250 1250 1510 1516 +705 1250 1260 1255 1250 1250 1250 1250 1250 1250 125	CQUAD4 CQUAD4	607 608	608	1038	1046	1183	1182			CQUAD8	702	702 1502					1507 99.5		
COUND 613 613 615 615 1184 1185 1053 1044 COUND 616 615 615 1185 1186 1078 1065 COUND 616 615 615 1185 1186 1078 1065 COUND 616 617 1185 1186 1078 1065 COUND 618 618 1185 1186 1078 1065 COUND 619 619 1044 1053 1189 1188 COUND 610 619 1044 1053 1189 1188 COUND 610 619 1044 1053 1189 1189 COUND 610 619 1044 1053 1189 1189 COUND 610 619 1044 1053 1189 1189 COUND 610 619 619 1044 1053 1189 1189 COUND 610 621 621 1065 1078 1191 1190 COUND 610 623 623 623 1189 1189 1052 COUND 625 625 1180 1191 1077 1064 1052 COUND 627 627 1025 1052 1183 1182 COUND 628 627 1025 1052 1183 1183 COUND 628 629 629 1102 1061 1061 1061 1024 COUND 628 629 629 1102 1053 1053 1062 1051 COUND 628 629 629 1102 1053 1052 1183 1183 COUND 628 629 629 1102 1053 1053 1062 1051 COUND 628 629 629 1102 1053 1053 1052 1183 1183 COUND 628 629 1102 1053 1053 1052 1183 1183 COUND 628 629 629 1102 1053 1053 1052 1183 1183 COUND 628 629 629 1102 1053 1053 1052 1183 1183 1053 1054 1054 1054 1054 1054 1054 1054 1054	CQUAD4 CQUAD4	610 611	610 611	1055 1067	1080	1185 1186	1184 1185			+703	1509	1503					99.5		
COUNDA 618 618 618 1027 1044 1188 1867 1050 1050 1050 1051 1051 1051 1051	CQUAD4	614 615	614 615	1183 1184	1184 1185	1053 1065	1044 1053			+704 CQUAD8	1510 705	705	1255	1260	1261	1256	1510	1516	+705
CQUADA 621 621 1065 1078 1191 1190	CQUAD4	618	618	1027 1044	1044 1053	1188 1189	1187 1188			CQUAD8 +707	707 1519	707 1513					1518 99.5		
COURDA 624 624 1189 1190 1064 1052	CQUAD4	621	621	1065	1078	1191	1190			+708 CQUAD8	1520 709	1514 709					99.5 1520		
CQUADA 628 628 1052 1064 1063 1193 1051 1024 1065 1065 1192 1193 1065 1065 1065 1065 1065 1065 1065 1065	CQUAD4 CQUAD4	624 625	624 625	1189 1190	1190 1191	1064 1077	1064			CQUAD8	710	710	1260	1265	1266	1261	1521	1526	
CQUADA 634 634 1063 1245 1244 1062	CQUAD4 CQUAD4	628 632	628 632	1052 1192	1064 1193	1063 1051	1193 1024			+1701	2506	2512					99.5		
CQUADA 640 640 1062 1244 1243 1061 1021 1062 CQUADA 641 641 1244 1075 1074 1243 1061	CQUAD4	634	634	1063 12 45	1245 1076	1244 1075	1062 1244			+1702 CQUADE	2508 1703	2502 703					99.5 2508	2514	+1703
CQUADA 643 643 1021 1061 1060 1020 CQUADA 646 644 1061 1243 1242 1066 11066 1243 1242 1066 11066 1243 1242 1066 11066 11066 1243 1242 1073 1242 1073 1242 1074 707 2513 2505 99.5 CQUADA 648 648 1060 1242 1143 1019 CQUADA 649 649 1242 1073 1072 1143 1072 1143 1072 1143 1072 1143 1072 1143 1074 707 2519 2519 2519 2519 2519 2519 2519 1074 707 707 2519 2519 1074 707 2519 2519 1074 707 2519 2519 1074 707 707 2519 2519 1074 707 1075 1074 707 1075	CQUAD4	640	640	1062	1244	1243	1061			CQUAD8 +1704	1704 2510	704 2504					2509 99.5		
CQUADA 648 648 1060 1242 1143 1019	CQUAD4	643 644	643 644	1021 1061	1061 1243	1060 1242	1060			+1705	2511	2505					99.5		
CQUADA 661 662 1001 1107 1106 1100 1106 1100 1107 1106 1100 1107 1106 1100 1107 1106 1100 1107 1107	CQUAD4	648 649	648 649	1060 1242	1242 1073	1143 1072	1019 1143			+1707 CQUADS	2519 1708	2513 708		2263	2264	2259	2519	2524	+1708
CQUADA 664 664 1141 1100 1127 1140 CQUADA 665 665 1100 1106 1130 1127 +1710 2522 2516 CQUADA 665 665 1100 1106 1112 1133 1130 CSHEAR 71 71 1034 1040 1037 1031 CQUADA 667 667 1140 1127 1130 1105 1099 CSHEAR 72 72 1040 1048 1045 1037 1037 CQUADA 668 668 1127 1130 1105 1099 CSHEAR 73 73 1048 1057 1054 1045 CQUADA 669 669 1130 1133 1111 1105 CSHEAR 74 74 1057 1069 1066 1054 CQUADA 660 660 670 1139 1099 1126 1138 CSHEAR 74 74 1057 1069 1066 1054 CQUADA 670 670 1139 1099 1126 1138 CSHEAR 75 75 1069 1082 1121 1066	CQUAD4	662	662	1101 1107	1107 1113	1106 1112	1100 1106			CQUAD8 +1709	1709 2521	709 2515					2520 99.5		
CQUADA 667 667 1140 1127 1099 1139 CSHEAR 72 72 1040 1093 1045 1057 CQUADA 668 668 1127 1130 1105 1099 CSHEAR 73 73 1048 1057 1054 1045 1045 CSHEAR 74 74 1057 1069 1066 1054 CSHEAR 75 75 1069 1066 1054 CSHEAR 75 75 1069 1072 1114 1121 1066 CQUADA 670 670 1139 1099 1126 1138 CSHEAR 75 75 1069 1072 1114 1121 1066	CQUAD4 CQUAD4	664 665	665	1100	1106	1130	1127			+1710 CSHEAD	2522 71	2516 71	1034	1040	1037	1031		2320	
CQUADA 670 670 1139 1039 1126 1138 CSHEAR 75 75 1069 1082 1121 1066 CSHEAR 75 76 1084 1079 1114 1121	CQUAD4	667 668	667 668	1140 1127	1127 1130	1099 1105	1139 1099			CSHEAL	73	73	1048	1057	1054 1066	1045			
CQUAD4 671 671 1099 1105 1129 1126 1 COMPAR 70 70 1074 1075 1127	CQUAD4	670								CSHEAT	75								

					0007	0001				1 +9037	357	1	0.156429E+04	*9038
CSHEAR 77			2034 2040	2040 2048	2037 2045	2031 2037				+9038	358	ī	126722E+05	+9039
CSHEAR 78			2048	2057	2054	2045				+9039	359	1	249630E+02	*9040
CSHEAR 80			2057	2069	2066	2054				+9040	360	1	0.252357E+03 0.220342E+02	+9041 +9042
CSHEAR 81			2069	2082	2121	2066				*9041 *9042	361 362	1	348368E+01	+9043
CSHEAR 82			2094	2079	2114 1466	2121 1467				+9043	363	i	0.213553E-02	+9044
CSHEAR 20 CSHEAR 20			1465 1275	1464 1276	1464	1465				*9044	364	1	0.287588E+00	+9045
CSHEAR 20			1280	1290	1276	1275				+9045	367	1	0.573159E+05	+9046
CSHEAR 20		204 1	1114	1079	1293	1292				DMIG +9046	*VTAIL 357	368 1	1 0.150006E+03	+9047
CSHEAR 20			2465	2464	2466	2467				*9047	358	i	349447E+04	+9048
CSHEAR 20			2275 2280	2276 2290	2464 2276	2465 2275				+9048	359	i	184666E+05	+9049
CSHEAR 20 CSHEAR 20			2114	2079	2293	2292				*9049	360	1	5974115+03	+9050
CSHEAR 64			1075	1088	1087	1074				+9050	361	1	0.413201E+03	*9051 *9052
CSHEAR 64		646 1	1074	1087	1086	1073				*9051	362	1	489800E+02 271009E+00	+9053
			1073	1086	1085	1072				*9052 *9053	363 364	i	202789E+01	+9054
			1007 1006	1018 1016	1016 1180	1006 1176				+9054	367	ī	502776E+04	+9055
CSHEAR 65			1176	1180	1014	1005				+9055	368	1	0.2467258+05	*9056
		654 1	1005	1014	1179	1175				DMIG	*VTAIL	369	1 0.292477E+03	+9057
	55		1175	1179	1012	1004				*9056 *9057	357 358	1	0.1066786+04	+9058
			1004	1012 1178	1178 1010	1174 1003				+9058	359	ī	372974E+04	+9059
			1174 1003	1010	1177	1173				+9059	360	1	163066E+05	*9060
			1173	1177	1194	1002				+9060	361	1	720338E+03	*9061 *9062
	60	660 1	1002	1194	1008	1001				*9061 *9062	362 363	1 1	0.400484E+03 0.516836E+00	*9063
			2075	2088	2087 2086	2074 2073				+9063	364	î	141972E+02	*9064
			2074 2073	2087 2086	2085	2072				+9064	367	1	0.2451348+03	•9065
			2007	2018	2016	2006				+9065	368	1	-,625047E+04	*9066
			2006	2016	2180	2176				+9066	369	1 370	0.208907E+05 1	*9067
			2176	2180	2014	2005 2175				DMIG *9067	*VTAIL 357	1	0.109520E+02	*9068
			2005 2175	2014 2179	2179 2012	2004				*906B	358	1	429165E+02	•9069
			2004	2012	2178	2174				+9069	359	1	0.371999£+03	+9070 +9071
		657 2	2174	2178	2010	2003				+9070	360 361	1	238343E+04 147446E+05	•9072
			2003	2010	2177	2173				*9071 *9072	362	i	0.690143E+03	*9073
			2173 2002	2177 2194	2194 2008	2002 2001				+9073	363	1	0.723676E+03	+9074
			1032	1038	1030	2001				+9074	364	1	0.244021E+02	*9075
			1181	1182	1029					+9075	367	1	574195E+02	*9076 *9077
	17	617	1029	1044	1027					*9076 *9077	368 369	1 1	0.416297E+03 416404E+04	+9078
			1187	1188 1052	1026 1025					+9078	370	î	0.182966E+05	
			1026 1064	1245	1063					DMIG	*VTAIL	371	1	+9079
			1064	1077	1245					+9079	357	1	319898E+00	*9080 *9081
			1077	1076	1245					+9080	358	1 1	105520E+02 0.537074E+02	*9082
			1051	1023	1024					*9081 *9082	359 360	1	0.115046E+03	+9083
			1051 1062	1022 1022	1023 1051					+9083	361	i	455381E+03	*9084
			1019	1022	1060					•9084	362	1	131301E+05	*9085 *0086
			2032	2038	2030					*9085	363	1	0.208463E+04	*9086 *9087
	612		2181	2182	2029					*9086 *9087	364 367	1	271085E+03 0.123231E+02	+9088
			2029	2044 2188	2027 2026					+9088	368	î	234544E+03	+9089
			2187 2026	2052	2025					+9089	369	1	0.874696E+03	+9090
			2064	2245	2063					+9090	370	1	744486E+04	*9091
	630	630	2064	2077	2245					*9091	371	1 372	0.300624E+05	+9092
			2077	2076	2245					DMIG +9092	*VTAIL 357	1	0.463602E+00	+9093
			2051 2051	2023 2022	2024 2023					+9093	358	1	677371E+01	+9094
	638		2062	2022	2051					+9094	359	1	134083E+02	+9095
	647		2019	2020	2060					*9095	360	1	0.577641E+02 0.669330E+02	*9096 *9097
CTRIA6 7	06	706	1262	1257	1233	1518	1512	1517	+706	*9096 *9097	361 362	ı	915742E+03	•9098
	9.5	706	2262	2257	2233	2518	2512	2517	+1706	+9098	363	ī	544593E+04	+9099
	706 9.5	706	2202	2231	2230		•		- '	+9099	364	1	0.116824E+04	*9100
	TAIL	0	6	1	0					*9100	367	1	794538E+01 0.789193E+02	*9101 *9102
	TAIL		357		1				+9001	*9101 *9102	368 369	i	316023E+03	+9103
	57		1 358		0.1274	405+06			* 9002	+9103	370	ī	0.187626E-04	+9104
	TAIL 57		1		2170	72B+05			*9003	*9104	371	1	1927985+05	+9105
	58		1		0.6808	71E+05				*9105	372	1 373	0.276338E+05	+9106
	TAIL		359		1	75.02			*9004 *9005	DMIG *9106	*VTAIL 357	1	0.484957E-02	•9107
	57 58		1		0.3521				•9006	+9107	358	ī	0.440965E+00	+9108
	59		î		0.7172					*9108	359	1	691597E+00	*9109 *9110
	TAIL		360		1				*9007 *0000	*9109 *9110	360 361	1	875753E+00 0.363362E+02	*9111
	57		1		0.4564				*9008 *9009	*9111	362	i	0.411035E+01	+9112
	158 159		1		9034				*9010	+9112	363	1	163347E+04	•9113
	60		ī			42E+05				*9113	364	1	258823E+04	*9114 *9115
DMIG *V	TAIL		361		1				*9011	*9114 *9115	367 368	1	0.345739E+00 422117E+01	+9116
	157		1			07E+02			*9012 *9013	*9116		ī	0.101714E+02	*9117
	158 159		1			02E+04			+9014	+9117		1	633944E+02	*9118
	60		ī			58E+04			+9015	*9118		1	0.270474E+04	*9119 *9120
	61		1		0.4681	48E+05				+9119 +9120		1 1	730833E+04 0.703131E+04	3120
	TAIL		362		1 7707	525+00			*9016 *9017	DMIG	*VTAIL	375	1	+9121
	357 358		1			43E+02			+9018	*9121		1	230046E+04	•9122
	359		i			53E+02			+9019	+9122		1	497159E+05	*9123 *0124
+9019 3	60		1		0.7641	915+02			*9020 *0031	*9123 *9124	359 360	1 1	0.157355B+04 0.126726E+04	*9124 *9125
*9020 3	361		1			172E+05			*9021	+9124		1	0.195618E+03	+9126
	362 TAIL		1 363		0.4849	155+05			+9022	*9126	362	1	247898E+02	•9127
	357		1		0.3636	26E+00			*9023	+9127	363	1	0.635440E+01	*9128 *9129
+9023 3	358		1			21E+01			*9024 *0025	*9128 *9129		1 1	784751E+00 0.378804E+03	•9130
	359		1			371E+02 579E+03			*9025 *9026	*9130		1	1426398+04	+9131
	360 361		1			936E+04			*9027	•9131	369	1	0.123205E+04	+9132
	362		1			53E+05			+9028	*9132	370	1	0.216183E+03	*9133 *9134
*9028 3	363		1		0.3349	50E+05			+0000	*9133		1	467290E+02 0.428324E+01	+9135
DMIG *1	VTAIL		364		1 1706				*9029 *9030	*9134 *9135		1	914807E+00	+9136
	357 358		1			565E+00 379E+01			*9031	+9136		1	0.925573E+06	
	358 359		i			730E+02			* 9032	DMIG	*VTAIL	376	1	*9137 *9138
*9032 3	360		1		0.8221	153E+02			+9033	*9137 *0130	357	1	0.922286E+03 0.349061E+04	*9139
+9033	361		1			930E+03			*9034 *9035	*9138 *9139		1	272521E+05	+9140
	362 363		1			581E+04 300E+04			*9035 *9036	*9140		i	0.153243E+04	*9141
	363 364		1			364E+05				*9141	361	1	0.667605%+03	*9142 *9143
	VTAIL		367		1				* 9037	+9142	362	1	740884E+01	-3143

+9143	363	1	243058E+02	+9144	*9252 380	1	113558E+05	+9253
+9144	364	1	0.583973E+00	*9145 *9146	*9253 381 DMIG *VTAIL	1 382	0.131793E+05	+9254
*9145 *9146		1 1	0.194037E+04 0.129929E+04	•9147	*9254 357	1	211797E-02	+9255
*9147	369	1	0.235053E+04	*9148 *9149	*9255 358 *9256 359	1	0.196775E-01 154809E+00	*9256 *9257
*9148 *9149		1	0.756407E+03 0.771059E+02	*9150	+9257 360	1	0.835219E+00	*9258
*9150		1	600606E+00 0.197780E+01	*9151 *9152	*9258 361 *9259 362	1	0.461861E+01 0.180099E+02	*9259 *9260
*9151 *9152		1 1	311505E+05	+9153	+9260 363	1	0.393001E+02	*9261 *9262
*9153	376	1	0.109246E+06	+9154	*9261 364 *9262 367	1	0.813303E+03 0.352611E-02	*9263
DMIG *9154		377 1	0.317443E+03	*9155	*9263 368	1	218807E-01	*9264
+9155	358	1	0.219380E+04	*9156 *9157	*9264 369 *9265 370	1	0.135616E+00 0.447717E+01	*9265 *9266
+9156 +9157		1	0.208271E+04 279276E+05	+9158	+9266 371	1	0.122064E+02	*9267
*9158	361	1	0.110103E+04	*9159 *9160	*9267 372 *9268 373	1	0.882424E+01 479232E+02	*9268 *9269
*9159 *9160		1	0.550257E+03 0.811533E+02	+9161	*9269 375	1	0.117696E+00	*9270 *0271
+9161	364	1	211053E+00 0.716540E+03	*9162 *9163	*9270 376 *9271 377	1	551862E+00 0.991771E+00	*9271 *9272
*9162 *9163		1	0.171546E+04	*9164	*9272 3 78	1	439420E+01	*9273 *9274
+9164	369	1 1	0.884905E+03 0.158823E+04	*9165 *9166	*9273 379 *9274 380	1	139387E+03 0.164894E+04	+9275
*9165 *9166		1	0.561757E+03	+9167	*9275 381	1	475810E+03 0.179643E+04	+9276
*9167		1 1	0.690199E+02 0.714289E+01	*9168 *9169	*9276 382 DMIG *VTAIL	1 383	1	*9277
*9168 *9169		1	0.363833E+04	*9170	*9277 357	1	0.311274E-03 479934E-02	*9278 *9279
*9170 *0171		1	187741E+05 0.775901E+05	*9171	*9278 358 *9279 359	1	0.182106E-01	*9280
*9171 DMIG	377 *VTAIL	378	1	+9172	+9280 360	1	183852E+00 116182E+01	*9281 *9282
*9172 *9173	357 358	1	110646E+02 0.133390E+03	*9173 *9174	*9281 361 *9282 362	1	255904E+01	*9283
+9174		i	0.711357E+03	*9175	*9283 363	1	0.112750E+01 358622E+02	*9284 *9285
+9175		1	0.202839E+04 261682E+05	*9176 *9177	*9284 364 *9285 367	1	179107E-02	+9286
*9176 *9177		1	0.139574E+04	• 9178	+9286 368	1	0.109064E-01 797350E-01	*9287 *9288
*9178	363 364	1	0.872899E+03 0.177372E+03	*9179 *9180	*9287 369 *9288 370	1	865236E+00	+9289
*9179 *9180		i	0.741269E+02	*9181	*9289 371	1	258086E+01 318473E+01	*9290 *9291
*9181 *9182	369 369	1	0.487425E+03 0.121023E+04	*9182 *9183	*9290 372 *9291 373	1	249386E+01	*9292
+9183	370	1	0.188910E+04	•9184	*9292 375	1	0.754849E-01 271080E+00	*9293 *9294
*9184 *9185		1	0.140030E+04 0.265625E+03	*9185 *9186	*9293 376 *9294 377	1	0.703442E+00	*9295
*9186	373	1	0.127903E+03	*9187	*9295 378 *9296 379	1	611849E+01 0.611220E+02	*9296 *9297
*9187 *9188	375 376	1	234087E+03 0.178520E+04	*9188 *9189	*9296 379 *9297 380	i	0.1318505+04	+9298
*9189	377	ī	113866E+05	+9190	*9298 381 *9299 382	1	653645E+03 643881E+03	*9299 *9300
+9190 DMIG	378 *VTATL	1 379	0.701957E+05 1	*9191	*9300 383	1	0.830302E+03	
*9191	357	1	0.555097E+00	*9192	DMIG *VTAIL *9301 357	384 1	1 0.265363E+05	*9301 *9302
*9192 *9193	358 359	1	383492E+02 0.749947E+02	*9193 *9194	+9302 358	1	0.282354E+05	*9303
*9194	360	1	0.542347E+03	*9195 *9196	*9303 359 *9304 360	1 1	948610E+04 219314E+04	*9304 *9305
*9195 *9196	361 362	1	0.295398E+04 156110E+05	+9197	*9305 361	1	475010E+03	*9306
+9197	363	1	0.237945E+03 0.100000E+04	*9198 *9199	*9306 362 *9307 363	1	0.553337E+02 0.194540E+01	*9307 *9308
*9198 *9199	364 367	1	853152E+01	+9200	+9308 364	1	384202E+01	*9309 *9310
*9200	368	1	0.224612E+02 0.450535E+03	*9201 *9202	*9309 367 *9310 368	1 1	0.284832E+04 116448E+04	*9310
+9201 +9202	369 370	1	0.123586E+04	*9203	*9311 369	1	338989E+04	*9312 *9313
*9203 *9204	371 372	1	0.192022E+04 0.747017E+03	*9204 *9205	*9312 370 *9313 371	1	157428E+03 0.485381E+02	+9314
+9205	373	i	0.679657E+03	+9206	*9314 372 *9315 373	1 1	926415E+01 122039E+01	*9315 *9316
*9206 *9207	375 376	1	0.693183E+02 525747E+03	*9207 *9208	*9316 375	1	569831E+06	+9317
*9208	377	1	0.193872E+04	+9209	*9317 376 *9318 37 7	1 1	948471E+05 370924E+04	*9318 *9319
*9209 *9210	378 379	1	143803E+05 0.259716E+05	*9210	*9319 378	1	157310E+03	*9320
DMIG	*VTAIL	380	1	*9211 *9212	*9320 379 *9321 380	1 1	0.111069E+03 182484E+02	*9321 *9322
*9211 *9212	357 358	1	681648E-01 0.121017E+01	÷9213	*9322 3 81	1	0.664130E+01	+9323
+9213	359	1	388187E+01 0.424170E+02	*9214 *9215	*9323 382 *9324 383	1 1	0.991842E-01 0.593778E-01	*9324 *9325
*9214 *9215	360 361	1	0.491571E+03	*9216	+9325 384	1	0.149748E+07	+9326
*9216 *9217	362 363	1	0.156462E+04 188062E+05	*9217 *9218	DMIG *VTAIL *9326 357	385 1	0.710800E+01	•9327
*9218	364	i	222663E+04	*9219	*9327 358	1	0.285959E+03 443238E+03	+9328 +9329
*9219 *9220	367 368	1	0.511802E+00 337087E+01	*9220 *9221	*9328 359 *9329 360	1	0.4901618+04	*9330
•9221	369	1	0.222733E+02	+9222	+9330 361 +9331 362	1	323369E+03 0.898562E+02	*9331 *9332
*9222 *9223	370 371	1	0.254233E+03 0.570111E+03	*9223 *9224	*9332 363	1	795076E+01	+9333
+9224	372	1	0.211878E+04	*9225 *9226	+9333 364 +9334 367	1	406666E+01 0.952642E+02	+9334 +9335
*9225 *9226	373 375	1	0.303574E+03 236553E+02	*9227	*9335 368	1	0.256148E+03	+9336
+9227	376	1	0.872011E+02	*9228 *9229	*9336 369 *9337 370	1	0.903557E+03 0.597779E+03	+9337 +9338
+9228 +9229	377 378	1	226099E+03 0.236420E+04	*9230	÷9338 371	1	0.124134E+03	+9339
+9230	379	1	100636E+05	+9231	*9339 372 *9340 373	1	470681E+01 373270E+00	*9340 *9341
*9231 DMIG	380 *VTAIL	1 381	0.832375E+05 1	+9232	+9341 375	1	139221E+04	+9342
*9232	357	1	215496E-02 127980E+00	*9233 *9234	*9342 376 *9343 377	1	419824E+03 351213E+05	+9343 +9344
*9233 *9234	358 359	1	670087B+00	+9235	*9344 378	1	580778E+03	*9345 *9346
*9235	360 361	1	448327E+01 502647E+02	*9236 *9237	*9345 379 *9346 380	1 1	0.515640E+02 0.268160E+01	*9347
*9236 *9237	362	1	0.467089E+02	+9238	+9347 381	1	203257E+01 981071E-01	*9348 *9349
*9238	363 364	1 1	0.163977E+04 479445E+04	*9239 *9240	*9348 382 *9349 383	1	714582E-02	+9350
*9239 *9240	367	1	110671E+00	*9241	+9350 384	1	269212E+04 0.349451E+05	+9351
*9241 *9242	368 369	1	0.669332E+00 571058E+01	*9242 *9243	*9351 385 DMIG *VTAIL	1 386	1	+9352
+9243	370	1	182164E+02	*9244	*9352 357	1 1	0.106815E+00 224760E+02	*9353 *935 4
*9244 *9245	371 372	1	460481E+02 0.878765E+02	*9245 *9246	+9353 358 +9354 359	1	0.196095E+03	+9355
+9246	373	1	0.449404E+03	*9247	+9355 360 +9356 361	1	359483E+03 0.606719E+04	*9356 *9357
*9247 *9248	375 376	1	0.842499E+01 320128E+02	*9248 *9249	*9357 362	1	0.281741E+03	+9358
*9249	377	1	0.7733815+02	*9250 *9251	*9358 363 *9359 364	1	0.117268E+03 0.195964E+02	*9359 *9360
*9250 *9251	378 379	1	617478E+03 0.379035E+04	+9252	+9360 367	î	452626E+00	•9361

	200		0.496996E+02	+9362	DMIG	*VTAIL	391	1	+9471
*9361 *9362		1	0.352965E+03	+9363	+9471	385	1	0.137165E+04	+9472
+9363		ī	142282E+03	+9364	•9472	386	1	~.273356B+04	*9473 *9474
•9364	371	1	0.322191E+03	*9365 *9366	*9473 *9474	387 389	1	0.123460B+04 0.729919E+02	+9475
+9365		1	0.854219E+02 0.160192E+02	*9367	+9475	390	i	~.160803E+04	*9476
*9366 *9367		1	0.323717E+03	*9368	+9476	391	1	0.320895E+04	
÷9368		ī	318383E+02	+9369	DMIG	*VTAIL	392	1	*9477 *9478
*9369	377	1	420586E+03	+9370	*9477 *9478	386 387	1	0.123460E+04 183606E+04	+9479
•9370		1	314870E+05 689858E+03	*9371 *9372	+9478	388	i	0.532735E+03	+9480
*9371 *9372		1	0.423422B+01	+9373	+9480	389	ī	270690E+02	+9481
+9373		i	0.102897E+02	*9374	+9481	390	1	0.120338E+03	*9482
+9374		1	0.5274085+00	+9375	+9482	391	1	161773E+04 0.207529E+04	*9483
+9375		1	0.337155E-01 0.643374E+03	*9376 *9377	*9483 DMIG	392 *VTAIL	393	1	+9484
+9376		1	357044E+04	+9378	+9484	387	1	0.571031E+03	+9485
*9377 *9378		i	0.322247E+05		+9485	388	1	673689E+03	*9486
DMIG	*VTAIL	387	1	+9379	*9486	389	1	0.223540E+01	*9487 *9488
+9379	357	1	33B835E+00	*9380	*9487 *9488	390 391	1	993771E+01 0.711305E+02	+9489
•9380		1	546516B-01	*9381 *9382	+9489	392	1	4821108+03	•9490
*9381 *9382		1	0.188194E+00 0.399533E-01	+9383	+9490	393	ī	0.521340E+03	
+9383		1	0.777587E-02	÷9384	DMIG	*VTAIL	406	1	*9491
+9384		ī	905881E-03	*9385	+9491	357	1	173625E+05	*9492 *9493
+9385		1	0.475235E-04	*9386	+9492 +9493	358 359	1	280045E+04 0.964342E+04	*9494
*9386		1	0.368288E-04	*9387 *9388	+9494	360	1	0.204728E+04	+9495
*9387 *9388		1	149039E-01 0.885053E-01	+9389	+9495	361	ī	0.398450E+03	*9496
+9389		i	0.672132E-01	+9390	+9496	362	1	464190E+02	+9497
+9390		1	0.462911E-02	+9391	+9497	363	1	0.243519E+01 0.188718E+01	*9498 *9499
*9391		1	849053E-03	*9392 *9393	*9498 *9499	364 367	1 1	763702E+03	+9500
+9392 +9393	372 373	1	0.795566E-04 0.977434E-05	+9394	+9500	368	î	0.453518E+04	*9501
+9394		i	960622E+02	+9395	+9501	369	1	0.344413E+04	+9502
+9395	376	1	0.984160E+00	*9396	+9502	370	1	0.237204E+03 435070E+02	*9503 *9504
•9396	377	1	0.481161E-01	*9397 *9398	*9503 *9504	371 372	1	0.407663E+01	*9505
÷9397	378	1	891686E-03 753510E-03	+9399	+9505	373	ī	0.500855E+00	+9506
+9398 +9399		1	204675E-04	*9400	+9506	375	1	443406E+06	+9507
+9400		î	0.508574E-05	*94 01	+9507	376	1	0.5043028+05	+9500 +9509
+9401	382	1	608804E-07	+9402	+9508	377 378	1	0.246556E+04 456917E+02	*9510
•9402		1	0.551832E-07	*9403 *9404	*9509 *9510	379	1	386113E+02	+9511
+9403 +9404		1	178513E+03 0.105938E+04	*9405	+9511	380	ì	104880B+01	+9512
*9405	386	i	-,419783E+04	+9406	*9512	381	1	0.260603E+00	*9513
+9406	387	1	0.497765E+04	i	+9513	382	1	311963E-02 0.282769E-02	*9514 *9515
DMIG	*VTAIL	388	1	*9407 *9408	*9514 *9515	383 384	1	968350E+06	*9516
+9407 +9408	357 358	1	0.396140E-01 883404E-01	19409	*9516	385	i	0.197004E+04	*9517
*9409	359	i	0.845446E+00	+9410	+9517	386	1	358031E+03	+9518
*9410	360	1	468879E+01	*9411	+9518	387	1	0.100278E+03	*9519 *9520
+9411	361	1	0.502871E+02	+9412	+9519	388 389	1	101088E+02 305457E+04	*9521
•9412	362	1	0.250159E+03 0.874634E+04	*9413 *9414	*9520 *9521	406	i	0.176490E+07	
*9413 *9414	363 364	1	0.134833E+04	*9415	DMIG	*VTAIL	407	1	+9554
+9415		1	0.310222E-01	*9416	+9554	357	1	911903E+05	+9555
*9416	368	1	236734E+00	*9417	+9555	358	1	0.728130E+04 0.231467E+03	*9556 *9557
*9417	369	1	0.235626E+01 0.161871E+02	*9418 *9419	*9556 *9557	359 360	1	841305E+02	+9558
*9418 *9419	370 371	1	0.2111365+02	*9420	+9558	361	ī	0.529257E+01	+9559
+9420	372	i	961292E+03	+9421	+9559	362	1	984070E+00	+9560
+9421	373	1	0.278446E+03	*9422	*9560	363	1	0.155806E+00	*9561 *9562
+9422		1	0.102905E+02	*9423	*9561 *9562	364 367	1	0.153670E-01 501667E+05	+9563
*9423 *9424	376 377	1	286084E+01 0.459790E+01	*9424 *9425	+9563	368	i	0.663999E+03	+9564
+9425	378	i	225652E+02	+9426	+9564	369	1	9182115+02	*9565
+9426	379	1	362756E+03	+9427	*9565	370	1	9387958+00	*9566 *9567
*9427	380	1	513037E+05	*9428 *9429	*9566 *9567	371 372	1	0.891667E+00 955200E+00	*9568
*9428 *9429	381 382	1	124016E+04 303660E+04	+9430	+9568	373	ī	0.604210E-01	+9569
+9430		î	859051E+03	+9431	*9569	375	1	290253E+04	*9570
*9431	384	1	0.185899E+02	+9432	+9570	376	1	0.464443E+03 0.589231E+02	*9571 *9572
•9432	385	1	106061E+03 0.590076E+03	*9433 *9434	*9571 *9572	377 378	1	0.925670E+00	*9573
*9433 *9434	386 387	1	160275E+04	+9435	+9573	379	ī	0.568770E+00	+9574
+9435	388	ī	0.483130E+05		+9574	380	1	965196E-01 0.253072E-01	*9575 *0576
	*VTAIL	389	1	*9436	*9575 *9576	381 382	1	0.225246E-03	*9576 *9577
+9436	357	1	0.103213E+02 0.166475E+01	*9437 *9438	*9577	383	ī	0.233053E-03	+9578
+9437 +9438	358 359	1	573260E+01	+9439	*9578	384	1	0.675815E+04	*9579
+9439	360	ī	121702E+01	*9440	+9579	385	1	939438E+00	+9580 +9581
*9440	361	1	236861E+00	*9441 *9442	+9580 +9581	386 387	1	0.715953E+00 379983E-01	+9582
*9441 *9442	362 363	1	0.275941E-01 144762E-02	*9442 *9443	+9582	388	1	0.1027258-01	+9583
+9443	364	i	112184E-02	+9444	+9583	389	1	0.115747E+01	+9584
+9444	367	i	0.453988E+00	→9445	+9584	406	1	194711E+04	*9585 *9586
+9445	368	1	269597E+01	*9446	+9585	407	5 1	0.676867E+06 0.122983E+06	- 9300
*9446	369	1	204739E+01 141008E+00	*9447 *9448	*9586 DMIG	407 *VTAIL	407	5	+9522
*9447 *9448	370 371	1	0.258631E-01	+9449	+9522	357	i	0.191080E+36	*9523
+9449	372	ī	242338E-02	+9450	+9523	358	1	356714E+05	+9524
+9450	373	1	297737E-03	*9451 +0452	*9524	359 360	1	280960E+05 160270E+04	*9525 *9526
+9451	375 376	1	0.292616E+04 299786E+02	*9452 *9453	*9525 *9526	360 361	1	918511E+02	+9527
+9452 +9453	376 377	1	146567E+01	*9454	*9527	362	1	156290E+02	*9528
+9454	378	1	0.271617E-01	+9455	*9528	363	1	0.105740E+02	*9529 *9530
*9455	379	1	0.2295276-01	*9456 *0457	*9529 *9530	364 367	1	110634E+01 804513E+06	*9530 *9531
*9456	380	1	0.623463E-03 154917E-03	*9457 *9458	*9530 *9531	367 368	1	5320515+05	+9532
+9457 +9458	381 382	1	0.185448E-05	*9459	+9532	369	ī	187041E+04	*9533
+9459	383	1	168094E-05	+9460	+9533	370	1	364230E+03	*9534
+9460	384	1	2377516+04	+9461	+9534	371	1	0.204481E+03 111039E+03	*9535 *9536
*9461	385	1	0.187243E+04	*9462 *9463	*9535 *9536	372 373	1	0.574412E+01	+9537
+9462 +9463	386 387	1	0.147890E+03 464456E+02	*9463 *9464	*9537	375	1	~.181739E+05	+9538
*9463 *9464	388	1	0.463955E+01	+9465	+9538	376	1	0.814804E+04	+9539
+9465	389	1	0.507054E+04		•9539	377	1	0.7256275+02	*9540 *9541
DMIG	*VTAIL	390	1 0 2424045104	*9466 *9467	*9540 *9541	378 379	1	0.203894E+03 0.126076E+02	+9542
*9466 *0467	384	1	0.243494E+04 408017E+04	*9468	*9542	380	1	2610815+01	*9543
*9467 *9468	385 386	1	0.137165E+04	*9469	+9543	381	1	0.555171E+00	+9544
+9469	389	1	~.414326E+04	+9470	+9544	382	1	0.415987E-02	*9545 *9546
+9470	390	1	0.591447E+04		+9545	383	1	0.517604E-02	2240

+9546	384	1	0.106276E+05	+9547	+9654	408		1	110606E+05	+9655
*9547 *9548	385 386	1	226352E+02 0.519700E+02	*9548 *9549	*9655 EIGR	409 1	MGIV	5 0. 60.	0.437083E+07	+EIG1
+9549	387	1 1	0.257476E+00 0.673053E+00	*9550 *9551	+EIG1 GRID	MAX 1	5	-136.6059.331	.000 0	
*9550 *9551	388 389	1	784298E+01	+9552	GRID GRID	2	5 5	-131.7509.602 -100.75011.331	.000 0 .000 0	
*9552 *9553	406 407	1 5	0.131935E+05 0.195301E+08	+9553	GRID	4	5	-75.750 12.725	.000 0	
DMIG *9587	*VTAIL 357	408 1	1 0.744264E+03	*9587 *9588	GRID GRID	5 6	5 5	-40.750 14.678 0.000 17.047		
+9588	358	1	0.120044E+03	*9589 *9590	GRID GRID	7 8	5 5	24.947 18.341 -141.0943.076	.000 0	
*9589 *9590	359 360	1 1	413376E+03 877589E+02	+9591	GRID	9	0	-170.615-371.0		
*9591 *9592	361 362	1	170800E+02 0.198980E+01	*9592 *9593	GRID GRID	10 11	5 0	-100.7503.353 -145.429-352.9	88.000 5	
+9593	363	1	104387E+00 808958E-01	*9594 *9595	GRID GRID	12 13	5 0	-75.750 3.524 -125.118-338.4	.000 0 12.000 5	
*9594 *9595	364 367	1	0.3273698+02	* 9596	GRID	14	5 0	-40.750 3.763 -96.682 -318.0	.000 0 06.000 5	
*9596 *9597	368 369	1	194405E+03 147636E+03	*9597 *9598	GRID GRID	15 16	5	0.000 4.054	.000 0	
+9598 +9599	370 371	1	101680E+02 0.186498E+01	*9599 *9600	GRID GRID	17 18	0 5	-63.574 -294.2 14.758 4.143	.000 0	
+9600	372	1	174749E+00	+9601 +9602	GRID GRID	19 20	0	-180.000-381.3 -168.385-374.1		
*9601 *9602	373 375	1	214697E-01 0.211004E+06	* 9603	GRID	21	0	-157.000-366.1	54.000 0	
*9603 *9604	376 377	1	216175E+04 105689E+03	*9604 *9605	GRID GRID	22 23	0	-147.640-359.56 -143.035-356.3	24.000 1	
•9605	378 379	1	0.195862E+01 0.165511E+01	*9606 *9607	GRID GRID	24 25	0	-139.738-354.0 -122.591-341.9		
*9606 *9607	380	1	0.449577E-01	+9608 +9609	GRID GRID	26 27	0	-120.000-340.1 -93.970 -321.7		
*9608 *9609	381 382	1	111710E-01 0.133726E-03	+9610	GRID	29	0	-86.000 -316.1	74.000 0	
*9610 *9611	383 384	1	121212E-03 0.418267E+05	*9611 *9612	GRID GRID	30 31	0	-60.647 -298.3 -41.500 -293.8	00.000 0	
+9612	385	1	0.2142215+03	+9613 +9614	GRID GRID	32 33	0	-54.216 -293.8 -41.500 -293.8		
*9613 *9614	386 387	1 1	445492E+02 0.145153E+02	*9615	GRID	34	0	-25.500 -293.8 -25.500 -293.8	00.000 0	
*9615 *9616	388 389	1	144600E+01 442150E+03	+9616 +9617	GRID GRID	35 36	0	.000 -293.8	0 .000 0	
*9617 *9618	406 407	1	361694E+06 565555E+03	*9618 *9619	GRID GRID	37 38	0	-41.500 -308.5 -54.216 -310.7		
*9619	407	1	0.834648E+02	÷9620	GRID GRID	39 40	0	-41.500 -308.5 -25.500 -308.5	00.000 0	
*9620 DMIG	408 *VTAIL	1 409	0.109547E+06 1	+9656	GRID	41	Ó	-25.500 -308.5	00.000 0	
+9656 +9657	357 358	1	262206E+05 103588E+04	*9657 *9658	GRID GRID	42 44	0	.000 -308.5 -86.000 -332.4	94.000 0	
+9658 +9659	359 360	1	0.214164E+04 0.293531E+03	*9659 *9660	GRID GRID	45 46	0	-41.500 -324.5 -54.216 -326.7		
•9660	361	1	0.269486E+02	*9661	GRID GRID	47 48	0	-41.500 -324.5 -25.500 -324.5	00.000 0	
*9661 *9662	362 363	1	242846E+01 0.525678E-01	*9662 *9663	GRID	49	Ō	-25.500 -324.5	00.000 0	
*9663 *9664	364 367	1	0.172746E+00 0.323348E+04	*9664 *9665	GRID GRID	50 51	0	.000 -324.5 -139.738-359.1	46.000 0	
*9665	368	1	0.215706E+04 0.503979E+03	*9666 *9667	GRID GRID	52 53	0	-120.000-354.6 -86.000 -348.4		
•9666 •9667	369 370	1	0.246870E+02	* 9668	GRID	54	0	-41.500 -340.5	00.000 0	
*9668 *9669	371 372	1	255333E+01 0.824261E+00	*9669 *9670	GRID GRID	55 56	0	-54.216 -342.7 -41.500 -340.5	00.000 0	
*9670 *9671	373 375	1	0.127325E-01 458756E+05	*9671 *9672	GRID GRID	57 58	0	-25.500 -340.5 -25.500 -340.5		
*9672	376	1	0.207304E+03	*9673 *9674	GRID GRID	59 60	0	.000 -340.5 -168.385-379.2	0.000 0 92.000 0	
*9673 *9674	377 378	1	0.280562E+02 203789E+02	* 9675	GRID	61	0	-157.000-377.2	47.000 0	
*9675 *9676	379 380	1	339806E+01 120555E+00	*9676 *9677	GRID GRID	62 63	0	-139.738-374.1 -131.000-372.5	76.000 0	
*9677 *9678	381 382	1	0.420144E-01 0.823926E-04	*9678 *9679	GRID GRID	64 65	0	-120.000-370.6 -86.000 -364.4		
• 9679	383	1	0.414972E-03 0.520328E+05	*9680 *9681	GRID GRID	66 67	0 0	-41.500 -356.5 -54.216 -358.7		
*9680 *9681	384 385	1	0.124228E+01	•9682	GRID	68	Ó	-41.500 -356.5	00.000 0	
*9682 *9683	386 387	1	178476E+01 785608E+00	*9683 *9684	GRID GRID	69 70	0	-25.500 -356.5 -25.500 -356.5	00.000 0	
*9684 *9685	388 389	1	0.666356E-01 0.239304E+02	*9685 *9686	GRID GRID	71 72	0	.000 -356.5 -180.000-398.6		
*9686	406	1	402560E+05	*9687 *9688	GRID GRID	73 74	0	-168.385-396.5 -157.000-394.5		
+9687 +9688	407 407	5	0.438355E+05 0.785184E+04	* 9689	GRID	75	0	-139.738-391.4 -131.000-389.8	46.000 0	
*9689 *9690	408 409	1 5	0.172562E+04 0.179613E+06	*9690 *9691	GRID GRID	76 77	0	-120.000-387.9	01.000 0	
*9691 DMIG	409 *VTAIL	1 409	0.431661E+05	* 9621	GRID GRID	78 79	0	-86.000 -381.7 -29.250 -417.4		
+9621	357	1	108056E+06	*9622 *9623	GRID GRID	80 81	0	-54.216 -376.0 -41.500 -373.8		
*9622 *9623	358 359	1	369272E+04 168866E+05	* 962 4	GRID	82	Ó	-25.500 -373.8	00.000 0	
*9624 *9625	360 361	1	236393E+04 229630E+03	*9625 *9626	GRID GRID	83 84	0	-25.500 -373.8 .000 -373.8	0 000.0	
*9626 *9627	362 363	1	0.221145E+02 744120E+00	*9627 *9628	GRID GRID	85 86	0	-180.000-406.6 -168.385-406.1		
•9628	364	1	14567CE+01	*9629	GRID GRID	87 88	0	-157.000-405.7 -139.738-404.9	17.000 0	
*9629 *9630	367 368	1	615575E+04 153980E+05	*9630 *9631	GRID	89	Ö	-139.738-393.6	95.000 0	
*9631 *9632	369 370	1	392419E+04 182427E+03	*9632 *9633	GRID GRID	90 91	0	-130.626-392.2 -111.224-389.2	27.000 0	
*9633 *9634	371 372	1	0.179957E+02 376324E+01	*9634 *9635	GRID GRID	92 93	0	-85.970 -385.2 -53.000 -380.1		
+9635	373	1	241942E+00	*9636	GRID	94 95	0	-29.250 -373.8 -41.500 -378.3	00.000 0 02.000 0	
*9636 *9637	375 376	1	145521E+06 194645E+04	*9637 *9638	GRID GRID	96	ō	-139.738-397.4	61.000 0	
*9638 *9639	377 378	1 1	813680E+03 0.145115E+03	*9639 *9640	GRID GRID	97 98	0	-129.992-396.3 -110.476-393.9	98.000 0	
+9640	379	i 1	0.267615E+02 0.128482E+01	*9641 *9642	GRID GRID	99 100	0	-85.073 -390.9 -53.000 -387.1		
*9641 *9642	380 381	1	454159E+00	*9643	GRID GRID	101 102	0	-41.500 -385.8 -139.738-401.2	35.000 0	
+9643 +9644	382 383	1 1	347133E-02 417601E-02	*9644 *9645	GRID	103	ō	-129.345-400.4	38.000 0	
*9645 *9646	384 385	1	184205E+06 595504E+02	*9646 *9647	GRID GRID	104 105	0	-109.713-398.8 -84.160 -3 96.8	323.000 0	
+9647	386	1	0.172236E+02 0.503546E+01	*9648 *9649	GRID GRID	106 107	0	-53.000 -394.3 -41.500 -393.4	330.000 0 110.000 0	
*9648 *9649	387 388	1	432889E+00	* 9650	GRID	108	ů 0	-139.738-404.9 -128.703-404.5	97.000 0	
*9650 *9651	389 406	1	153385E+03 0.258026E+06	*9651 *9652	GRID GRID	109 110	0	-108.954-403.7	714.000 0	
*9652 *9653	407 407	5	0.882856E+05 0.627816E+05	*9653 *9654	GRID GRID	111 112	0	-83.248 -402.6 -53.000 -401.3		
2000	***	-			•					

				· •	0.40	^	.000 -501.18481.850 0
GRID	113	0	-41.500 -400.902.000 0		GRID 360 GRID 361	0	.000 -518.008101.371 0
GRID	114 115	0	-41.500 -417.400.000 0 -25.500 -417.400.000 0		GRID 362	0	.000 -527.582112.479 0
GRID GRID	116	ŏ	-25.500 -417.400.000 0	1	GRID 363	0	.000 -534.495120.500 0 .000 -538.374125.000 0
GRID	117	0	.000 -417.40 .000 0 -39.431 -373.800.000 0	{	GRID 364 GRID 367	Ö	.000 -446.10044.849 0
GRID	118 119	0	-39.431 -373.800.000 0 -38.792 -377.878.000 7	i i	GRID 368	0	.000 -472.31270.354 0
GRID GRID	120	Ö	-32.600 -417.400.000 0		GRID 369	0	.000 -491.06888.605 0 .000 -509.812106.844 0
GRID	121	ō	-41.500 -373.800.000 0	1	GRID 370 GRID 371	0	.000 -509.812106.844 0 .000 -520.479117.222 0
GRID	122	0	-120.926-390.747.000 0		GRID 371 GRID 372	Ö	.000 -523.847120.500 0
GRID	123	0	-101.524-387.707.000 0 -70.415 -382.833.000 0		GRID 373	Ó	.000 -528.472125.000 0
GRID GRID	124 125	ŏ	-120.235-395.153.000 0	ļ	GRID 375	0	.000 -492.59445.000 0 .000 -498.20753.064 0
GRID	126	0	-100.719-392.843.000 0	1	GRID 376 GRID 377	0	.000 -498.20753.064 0 .000 -512.83174.074 0
GRID	127	0	-69.427 -389.140.000 0	1	GRID 377 GRID 378	0	.000 -527.44695.070 0
GRID	128	0	-119.530-399.653.000 0 -99.898 -398.082.000 0	Į.	GRID 379	Ō	.000 -535.762107.018 0
GRID GRID	129 130	ő	-68.420 -395.564.000 0	1	GRID 380	0	.000 -545.147120.500 0
GRID	131	0	-118.830-404.125.000 0		GRID 381 GRID 382	0	.000 -548.279125.000 0 .000 -560.736120.500 0
GRID	132	0	-99.081 -403.302.000 0 -67 414 -401.982.000 0	1	GRID 383	ŏ	.000 -563.088125.000 0
GRID GRID	133 134	0	-67.414 -401.982.000 0 -139.738-394.695.000 7	l l	GRID 384	0	.000 -498.05345.000 0
GRID	135	ŏ	-130.473-393.243.000 7	į.	GRID 385	0	.000 -516.03771.933 0 .000 -530.24093.204 0
GRID	136	0	-120.773-391.723.000 7	1	GRID 386 GRID 387	0	.000 -530.24093.204 0 .000 -538.321105.309 0
GRID	137	0	-111.071-390.203.000 7 -101.371-388.683.000 7	1	GRID 388	ō	.000 -548.465120.500 0
GRID GRID	138 139	Ö	-85.817 -386.246.000 7	1	GRID 389	0	.000 -521.28945.000 0 .000 -530.36462.367 0
GRID	140	Ö	-70.262 -383.809.000 7	1	GRID 390 GRID 391	0	.000 -530.36462.367 0 .000 -542.27685.168 0
GRID	141	0	-53.000 -361.104.000 7 -41.500 -379.302.000 7		GRID 392	0	.000 -549.05598.142 0
GRID GRID	142 143	0	-41.500 -379.302.000 7 -180.000-389.378.000 0		GRID 393	0	.000 -560.736120.500 0
GRID	153	ō	.000 -100.00 .000 0	1	GRID 405	0	.000 -500.00 .000 0 .000 -498.24941.224 0
GRID	154	0	.000 -160.00 .000 0	1	GRID 406 GRID 407	Ö	.000 -446.10025.500 0
GRID	155	0	.000 -200.00 .000 0 .000 -252.50 .000 0	l:	GRID 408	ō	.000 -509.89233.450 0
GRID GRID	156 163	0	.000 -60.00 .000 0	1	GRID 409	0	.000 -479.02125.500 0
GRID	164	ŏ	.000 -78.80 .000 0		GRID 410 GRID 431	0	.000 -426.40 .000 0 .000 -351.70 .000 0
GRID	173	5	-116.25010.466 .000 0 -88.250 12.029 .000 0	ŀ	GRID 437	ŏ	.000 -325.40 .000 0
GRID	174 175	5 5	-88.250 12.029 .000 0 -58.250 13.701 .000 0	1	GRID 458	0	.000 -266.92 .000 0
GRID GRID	176	5	-19.500 15.863 .000 0		GRID 459	0	.000 -274.55 .000 0 -29.250 -492.500.000 0
GRID	177	5	-116.2503.247 .000 0		GRID 464 GRID 465	0	-40.750 -492.500.000 0
GRID	178	5 5	-88.250 3.438 .000 0 -58.250 3.643 .000 0		GRID 466	Ö	-29.250 -502.250.000 0
GRID GRID	179 180	5	-19.500 3.908 .000 0		GRID 467	0	-40.750 -502.250.000 0 -54.702 -473.0130. 0
GRID	181	ō	-71.000 -305.615.000 0		GRID 501 GRID 502	0	-54.702 -473.0130. 0 -74.653 -488.0660. 0
GRID	162	0	-71.000 -313.799.000 0 -71.000 -329.799.000 0		GRID 502	ö	-87.028 -497.4020. 0
GRID	183	0	-71.000 -329.799.000 0 -71.000 -345.799.000 0		GRID 504	0	-97.869 -505.5820. 0
GRID GRID	184 185	0	-71.000 -361.799.000 0	ŀ	GRID 505	0	-106.606-512.1740. 0 -41.5 -480.2760. 0
GRID	186	0	-71.000 -379.099.000 7	1	GRID 506 GRID 507	0	-41.5 -480.2760. 0 -62.928 -493.9580. 0
GRID	187	0	-102.000-327.437.000 0 -102.000-335.367.000 0	· ·	GRID 508	ŏ	-76.851 - 503.2100. 0
GRID GRID	188 189	Ö	-102.000-351.367.000 0	i	GRID 509	0	-88.453 -510.9200. 0
GRID	190	ŏ	-102.000-367.367.000 0		GRID 510 GRID 511	0	-99.212 -518.0690. 0 -110.127-525.0140. 0
GRID	191	0	-102.000-384.667.000 7 -131.000-347.852.000 0		GRID 512	ŏ	-49.726 -501.2210. O
GRID GRID	192 193	0	-131.000-356.576.000 0	Į	GRID 513	0	-65.126 -509.1020. 0
GRID	194	5	-131.7503.141 .000 0	i	GRID 514 GRID 515	0	-78.276 -516.7270. 0 -89.796 -523.4070. 0
GRID	195	0	.000 -385.600.000 0	I	GRID 516	Ö	-102.733-530.9090. 0
GRID	196 233	0	.000 -447.000.000 0 -41.500 -497.5000. 0	į	GRID 517	0	-41.5 -519.3830. 0
GRID GRID	241	Ö	-31.810 -497.500.000 0	i	GRID 518	0	-49.726 -523.1040. 0 -65.680 -527.8750. 0
GRID	242	0	-168.385-387.292.000 0	ļ	GRID 519 GRID 520	0	-65.680 -527.8750. 0 -78.973 -531.8050. 0
GRID	243	0	-157.000-385.247.000 0 -139.738-382.146.000 0		GRID 521	ŏ	-91.3 -535.5370. 0
GRID GRID	244 245	0	-131.000-380.576.000 0	i	GRID 522	0	-106.495-540.3680. 0
GRID	251	ŏ	-41.500 -463.0520. 0	1	GRID 523	0	-50.28 -541.8760. 0 -66.376 -542.9980. 0
GRID	252	0	-67.903 -482.9730. 0	i	GRID 524 GRID 525	0	-80.477 -544.0080. 0
GRID	253 254	0	-81.403 -493.1590. 0 -92.653 -501.6460. 0	i	GRID 526	0	-95.062 -544.9960. 0
GRID GRID	255	ŏ	-103.085-509.5170. 0		GRID 701	3	0. 0. 0. 100. 0. 0.
GRID	256	0	-110.127-514.8300. 0 -57.952504.9420. 0	l	GRID 702 GRID 703	3 3	100. 0. 0. 0100.
GRID	257 258	0	-57.952 -504.9420. 0 -72.299 -513.2610. 0		GRID 1001	5	-136.6059.331 .355 0
GRID GRID	259	ŏ	-84.253 -520.1930. 0	1	GRID 1002	5	-131.7509.602 .382 0 -100.75011.331 .560 0
GRID	260	0	-95.338 -526.6210. 0	1	GRID 1003 GRID 1004	5 5	-100.75011.331 .560 0 -75.750 12.725 .700 0
GRID	261 262	0	-110.127-535.1970. 0 -41.500 -541.2650. 0	ì	GRID 1005	5	-40.750 14.678 .895 O
GRID GRID	263	Ö	-59.060 -542.4880. 0	i	GRID 1006	5	0.000 17.047 1.115 0 24.947 18.341 1.245 0
GRID	264	O	-73.693 -543.5080. 0	1	GRID 1007 GRID 1008	5 5	24.947 18.341 1.245 0 -141.0943.076 .845 0
GRID	265	0	-87.261 -544.4530. 0 -102.862-545.5400. 0	i.	GRID 1010	5	-100.7503.353 1.150 0
GRID GRID	266 267	0	.000 -153.25 .000 0		GRID 1012	5	-75.750 3.524 1.410 0 -40.750 3.763 1.765 0
GRID	268	0	.000 -276.42 .000 0	j	GRID 1014 GRID 1016	5 5	-40,750 3.763 1.765 0 0.000 4.054 2.190 0
GRID	271	٥	-36.000 -469.194.000 0 -36.000 -497.500.000 0	ľ	GRID 1018	5	14.758 4.143 2.080 0
GRID GRID	272 273	0	-29.250 -497.500.000 0		GRID 1019	0	-180.000-381.378.790 0
GRID	274	ŏ	-40.750 -497.500.000 0	†	GRID 1020	0	-168.385-374.169.965 1 -157.000-366.1541.156 0
GRID	275	0	-40.750 -479.550.000 0 -29.250 -479.550.000 0	1	GRID 1021 GRID 1022	0	-147.640-359.5651.284 0
GRID	276 277	0	-29.250 -479.550.000 0 -29.250 -479.550.000 0		GRID 1023	0	-143.035-356.3241.358 1
GRID GRID	278	ŏ	-40.750 -469.194.000 0		GRID 1024	0	-139.738-354.0031.400 0 -122.591-341.9321.635 1
GRID	279	0	-29.250 -469.194.000 0	i	GRID 1025 GRID 1026	0	-122.591-341.9321.635 1 -120.000-340.1081.663 0
GRID	280	٥	-40.750 -462.820.000 0 .000 -479.55 .000 0		GRID 1027	õ	-93.970 -321.7852.018 1
GRID GRID	281 282	0	.000 -462.82 .000 0		GRID 1029	0	-86.000 -316.1742.124 0
GRID	283	Ô	.000 -446.10 .000 0		GRID 1030 GRID 1031	0	-60.647 -298.3272.534 1 -41.500 -293.8004.750 0
GRID	284	0	.000 -447.00 .000 0 .000 -424.00 .000 0	ļ	GRID 1031	ő	-54.216 -293.8002.600 0
GRID GRID	285 286	0	.000 -403.00 .000 0		GRID 1033	0	-41.500 -293.8003.209 0
GRID	290	ŏ	-29.250 -462.820.000 0		GRID 1034	0	-25.500 -293.8009.850 0 -41.500 -308.5005.350 0
GRID	291	0	-29.250 -462.820.000 0		GRID 1037 GRID 1038	0	-54.216 -310.7842.852 0
GRID	292 293	0	-40.750 -446.100.000 0 -29.250 -446.100.000 0	İ	GRID 1039	0	-41.500 -308.5003.166 0
GRID GRID	293	0	-29.250 -446.100.000 0		GRID 1040	0	-25.500 -308.50010.350 0 -86.000 -332.4942.350 0
GRID	295	0	-19.000 -446.100.000 0		GRID 1044 GRID 1045	0	-86.000 -332.4942.350 0 -41.500 -324.5005.450 0
GRID	296	0	.000 -426.400.000 0 .000 -385.60 .000 0		GRID 1046	0	-54.216 -326.7842.750 0
GRID GRID	298 299	0	-33.570 -497.500.000 0		GRID 1047	0	-41.500 -324.5002.944 0 -25.500 -324.50010.350 0
GRID	300	Ó	-19.000 -417.400.000 0		GRID 1048 GRID 1051	0	-25.500 -324.50010.350 0 -139.738-358.1461.446 0
GRID	357	0	.000 -452.61825.500 0 .000 -469.42445.000 0		GRID 1052	ō	-120.000-354.6011.763 0
GRID GRID	358 359	0	.000 -484.34962.317 0		GRID 1053	0	-86.000 -348.4942.112 0
2112		-					

CDID	1054	۸	-41.500 -340.5005.450	0	GRID	1290	0	-40.750 -462.8205.500 0
GRID	1054	0		Ď	GRID	1290	0	-29.250 -462.8207.000 0
GRID	1055	0	-54.216 -342.7842.426		GRID	1292	ō	-40.750 -446.1005.650 0
GRID	1056	0	-41.500 -340.5002.598	0		1293	ŏ	-29.250 -446.1007.000 0
GRID	1057	0	-25.500 -340.50010.750	0	GRID		Ö	-29.250 -492.5004.500 0
GRID	1060	0	-168.385-379.292.984	0	GRID	1464		
GRID	1061	0	-157.000-377.2471.108	0	GRID	1465	0	
GRID	1062	0	-139.738-374.1461.256	0 '	GRID	1466	0	
GRID	1063	ŏ	-131.000-372.5761.328	0	GRID	1467	0	-40.750 -502.2504.250 0
GRID	1064	ŏ	-120.000-370.6011.418	ò	GRID	1501	0	-54.702 -473.0130.868 0
			-86.000 -364.4941.676	o l	GRID	1502	0	~74.653 -488.0660.638 O
GRID	1065	0		-		1503	ō	-87.028 -497.4020.495 0
GRID	1066	0	-41.500 -356.5005.800	0	GRID			-97.869 -505.5820.370 0
GRID	1067	0	-54.216 -358.7841.908	0	GRID	1504	0	
GRID	1068	0	-41.500 -356.5002.028	0	GRID	1505	0	-106.606-512.1740.268 0
GRID	1069	ō	-25.500 -356.50010.950	0	GRID	1506	0	-41.5 -480.2761.906 0
		õ	-180.000-398.678.330	0	GRID	1507	0	-62.928 -493.9581.610 0
GRID	1072			ŏ	GRID	1508	0	-76.851 -503.2101.180 0
GRID	1073	0	-168.385-396.592.415		GRID	1509	ō	-88.453 -510.9200.934 0
GRID	1074	0	-157.000-394.547.508	0			ō	-99.212 -518.0690.700 0
GRID	1075	0	-139.738-391.446.645	0	GRID	1510		
GRID	1076	0	-131.000-389.876.706	7	GRID	1511	0	-110.127-525.0140.417 0
GRID	1077	0	-120.000-387.901.796	0	GRID	1512	0	-49.726 -501.2212.646 0
	1078	ŏ	-86.000 -381.7941.039	o	GRID	1513	0	-65.126 -509.1022.152 0
GRID				o l	GRID	1514	0	-78.276 -516.7271.619 0
GRID	1079	0	-29.250 -417.4009.000	ŏ	GRID	1515	0	-89.796 -523.4071.264 0
GRID	1080	0	-54.216 -376.0841.264		GRID	1516	ò	-102.733-530.9090.848 0
GRID	1081	0	-41.500 -373.8001.364	7	GRID	1517	ŏ	-41.5 -519.3831.812 0
GRID	1082	0	-25.500 -373.80011.100	0				
GRID	1085	0	-180.000-406.675.075	0	GRID	1518	0	
GRID	1086	0	-168.385-406.191.090	0	GRID	1519	0	-65.680 -527.8751.236 0
GRID	1087	ō	-157.000-405.717.115	0	GRID	1520	0	-78.973 -531.8050.984 0
		ŏ	-139.738-404.997.145	o l	GRID	1521	0	-91.3 -535.5370.745 0
GRID	1086		-29.250 -373.8009.000	0	GRID	1522	0	-106.495-540.3680.427 0
GRID	1094	0		o l	GRID	1523	0	-50.28 -541.8760.752 0
GRID	1096	0	-139.738-397.461.429		GRID	1524	ō	-66.376 -542.9980.600 0
GRID	1097	C	-129.992-396.307.471	0				
GRID	1098	0	-110.476-393.998.557	0	GRID	1525	0	
GRID	1099	0	-85.073 -390.992.669	0	GRID	1526	0	-95.062 -544.9960.324 0
GRID	1100	ŏ	-53.000 -387.196.810	0	GRID	2001	5	-136,6059.331355 0
GRID	1101	ŏ	-41.500 -385.8352.659	ō	GRID	2002	5	-131.7509.602382 0
				ŏ	GRID	2003	5	-100.75011.331560 0
GRID	1102	0	-139.738-401.269.288		GRID	2004	5	-75.750 12.725700 0
GRID	1103	0	-129.345-400.438.318	0	GRID	2005	5	-40.750 14.678895 0
GRID	1104	0	-109.713-398.867.377	0				
GRID	1105	0	-84.160 -396.823.453	0	GRID	2006	5	0.000 17.047 -1.115 0
GRID	1106	ō	-53.000 -394.330.545	0	GRID	2007	5	24.947 18.341 -1.245 0
GRID	1107	ó	-41.500 -393.4101.787	o .	GRID	2008	5	-141.0943.076845 0
		ŏ	-139.738-404.997.150	o l	GRID	2010	5	-100.7503.353 -1.150 0
GRID	1108			ŏ	GRID	2012	5	-75.750 3.524 -1.410 0
GRID	1109	0	-128.703-404.537.167			2014	5	-40.750 3.763 -1.765 0
GRID	1110	0	-108.954-403.714.198	0	GRID			
GRID	1111	0	-83.248 -402.642.238	0	GRID	2016	5	
GRID	1112	0	-53.000 -401.381.285	0	GRID	2018	5	14.758 4.143 -2.080 0
GRID	1113	Ó	-41.500 -400.902.925	0	GRID	2019	0	-180.000-381.378790 0
GRID	1114	ō	-41.500 -417.4009.000	0	GRID	2020	0	-168.385-374.169965 1
		ŏ	-41.500 -373.8005.850	Ö	GRID	2021	0	-157.000-366.154-1.156 0
GRID	1121 1125	ŏ	-120.235-395.153.514	Ō	GRID	2022	0	-147.640-359.565-1.284 0
GRID					GRID	2023	ō	-143.035-356.324-1.358 1
GRID	1126	0	-100.719-392.843.669	0		2024	ŏ	-139.738-354.003-1.400 0
GRID	1127	0	-69.427 -389.140.737	o l	GRID		Ô	-122.591-341.932-1.635 1
GRID	1128	٥	-119.530-399.653.348	0	GRID	2025		
GRID	1129	0	-99.898 -398.082.406	0	GRID	2026	0	-120.000-340.108-1.663 0
GRID	1130	0	-68.420 -395.564.500	0	GRID	2027	0	-93.970 -321.785-2.018 1
GRID	1131	0	-118.830-404.125.182	0	GRID	2029	0	-86.000 -316.174-2.124 0
GRID	1132	0	-99.081 -403.302.213	0	GRID	2030	0	-60.647 -298.327-2.534 1
		ŏ	-67.414 -401.982.263	Ď	GRID	2031	0	-41.500 -293.800-4.750 0
GRID	1133			ř	GRID	2032	0	-54.216 -293.800-2.600 0
GRID	1134	0	-139.738-394.695.531		GRID	2033	ō	-41.500 -293.800-3.209 0
GRID	1135	0	-130.473-393.243.585	7		2034	ő	-25.500 -293.800-9.850 0
GRID	1136	0	-120.773-391.723.641	7	GRID			
GRID	1137	0	-111.071-390.203.697	7	GRID	2037	0	-41.500 -308.500-5.350 0
GRID	1138	0	-101.371-388.683.754	7	GRID	2038	0	-54.216 -310.784-2.852 0
GRID	1139	0	-85.817 -386.246.844	7	GRID	2039	0	-41.500 -308.500-3.166 0
GRID	1140	ō	-70.262 -383.809.934	7	GRID	2040	0	-25.500 -308.500-10.350 0
GRID	1141	ŏ	-53.000 -381.1041.050	7	GRID	2044	0	-86.000 -332.494-2.350 C
				7	GRID	2045	٥	-41.500 -324.500-5.450 0
GRID	1142	0	-41.500 -379.3023.412		GRID	2046	0	-54.216 -326.784-2.750 0
GRID	1143	0	-180.000-389.378.675	0	GRID	2047	ŏ	-41.500 -324.500-2.944 0
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GRID	1174	5	-88.250 12.029 .640	0	GRID	2046	0	
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GRID	1179	5	-58.250 3.643 1.590	o o	GRID	2055	0	-54.216 -342.784-2.426 C
			-19.500 3.908 1.980	o o	GRID	2056	0	-41.500 -340.500-2.598 0
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PBAR +2441	2441		100.0 .00001 .001		+2441 +2441A	+18A PBEAM +19	0. 19 NO	1. 2 1.0	.0000	1470.00	4515.0	+19 +19A
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+2443A PBAR +2444	1. 2444	.0000001	100.0 .00001 .001		+2444 +2444A	+21A PBEAM +22	0. 22 NO	1. 2 1.0	.0000 1. 8250.000 8250.000		3885.	+22 +22A
+2444A PBAR +2445	1. 2445	2 100.0	100.0 .00001 .001		+2445 +2445A	+22A PBEAM +31	0. 31 NO	0. 2 1.0	200.000 9999.0 197.000	99999.00	.01	+31
PBAR +2446	2446	2 100.0	100.0 .00001 .001		+2446 +2446A	PBEAM +32 PBEAM	32 NO 33	2 1.0 2	200.000 9999.0 200.000 200.000 9999.0		.01	+32
+2446A PBAR +2447 +2447A	1. 2447 1.	2 100.0	100.0 .00001 .001		+2447 +2447A	+33 PBEAM +34	NO 34 NO	1.0 2 1.0	207.000 200.000 9999.0 215.000	99999.00	.01	+34
PBAR +2448 +2448A	2448	2 100.0	100.0 .00001 .001		+2448 +2448A	PBEAM +35 PBEAM	35 NO 36	2 1.0 2	200.000 9999.0 219.000 200.000 9999.0		.01	+35
PBAR +2449 +2449A	2449	2 100.0	100.0 .00001 .001		+2449 +2449A	+36 PBEAM +37	NO 37 NO	1.0 2 1.0	222.000 1980.0009999.0 1188.000	9999.00	.01	+37
PBAR +2450 +2450A	2450	2 100.0	100.0 .00001 .001		+2450 +2450A	PBEAM +38 PBEAM	38 NO 39	2 1.0 2	1.970 9999.0 .950 4.140 9999.0	251.45 49.35 323.80	.01	+38
PBAR +2451 +2451A	2451	2 100.0	100.0 .00001 .001		+2451 +2451A	+39 PBEAM +40	NO 40 NO	1.0 2 1.0	2.140 4.140 9999.0 2.180	123.20 284.10 140.90		+40
PBAR +2452 +2452A	2452		100.0 .00001 .001		+2452 +2452A	PBEAM +41 PBEAM	41 NO 42	2 1.0 2	2.834 3.942 9999.0	376.40 124.70 379.30		+41
PBAR +2453 +2453A	2453	2 100.0	100.0 .00001 .001		+2453 +2453A	+42 PBEAM +43	NO 43 NO	1.0 2 1.0	2.340	112.40 350.15 293.75		+43
PBAR +2454 +2454A	2454	2 100.0	100.0 .00001 .001		+2454 +2454A	PBEAM +44 PBEAM	44 NO 45	2 1.0 2	1.430 1.430 9999.0	293.75 99.875 99.875	.001	+44
PBAR +2455 +2455A	2455	2 100.0	100.0 .00001 .001		+2455 +2455A	+45 PBEAM +46	NO 46 NO	1.0 2 1.0	2.250	76.375 215.00 162.00	.001	+46
PBAR +2456 +2456A	2456	2 100.0	100.0 .00001 .001		+2456 +2456A	PBEAM +47 PBEAM	47 NO 48	1.0 2	1.875 1.875 9999.0	162.00 133.00 133.00		+47
PBAR +2457 +2457A	2457		100.0 .00001 .001		+2457 +2457A	+48 PBEAM +49	NO 49 NO	1.0 2 1.0	2.250 1.256 1. 1.354	46.00 41.26 51.57	.001	+49 +49A
PBAR +2458 +2458A	2458	2 100.0	100.0 .00001 .001		+2458 +2458A	+49A PBEAM +50	0. 50 NO	1. 2 1.0	1188 1.354 1. 1.371	51.57 53.59		+50 +50A
PBAR +2459 +2459A	2459	2 100.0	100.0 .00001 .001		+2459 +2459A	+50A PBEAM +51	0. 51 NO	1. 2 1.0	0185 1.371 1. 1.371	53.59 53.59		+51 +51A
PBAR +2460 +2460A	2460	2 100.0	100.0 .00001 .001		+2460 +2460A	+51A PBEAM +52	0. 52 NO	1. 2 1.0	.0000 1.371 1. 1.5340622	53.59 60.14		+52 +52A
PBAR PBEAM +1	3502 1 NO	2 10000. 2 .690 1.0	99990. 99990. 99990. 480.000 371.450 593.000 547.400	.001	+1 +1A	+52A PBEAM +53	9. 53 NO	1.0	1.534 1. 1.5470086	60.14 62.03	.001	+53 +53A
+1A PBEAM +2	0. 2 NO	1. 2 .690 1.0	593.000 547.400 736.000 606.050	.001	+2 +2A	+53A PBEAM +54	0. 54 NO 0.	1. 2 1.0	.942 1. 1.4494242	37.54 76.22	.001	+54 +54A
+2A PBEAM +3	0. 3 NO	1. 2 1.0	896.000 655.500 912.000 656.500	640.	+3 +3A	+54A PBEAM +55 +55A	55 NO 0.	1. 2 1.0	1089.0001. 1980.000	9999.00 9999.00	.001	+55 +55A
+3A PBEAM +4	0. 4 NO	1. 2 4.140 1.0	912.000 656.500 3104.0001780.000	2175.	+4 +4A	PBEAM +56	56 NO 0.	2 1.0	1980.0001. 1485.000	9999.00 9999.00	.001	+56 +56A
+4A PBEAM +5	0. 5 No	1. 2 4.140 1.0	3104.0001780.000 6240.0003625.000	2770.	+5 +5A	+56A PBEAM +57 +57A	57 NO 0.	1. 2 1.0	1.440 .001 1.440 .0000	.001	.001	+57 +57A
+5A PBEAM +6	0. 6 NO	1. 2 3.600 1.0	8000.0004245.000 7900.0004430.000	5250.	+6 +6A	+5/A PBEAM +141 +141A	141 NO 0.	1. 2 1.0	2.380 1. 2.5200571	46.34 52.89	.001	+141 +141A
+6A PBEAM +7	0. 7 NO	1.0	07900.0004430.000 B100.0004170.000	5250.	+7 +7A	PBEAM +142	142 NO 0.	2 1.0	2.520 1. 2.6600541	52.89 60.54	.001	+142 +142A
+7A PBEAM +8	0. 8 NO	1.0	08100.0004170.000 9400.0003900.000	5250.	+8 +8A	+142A PBEAM +143	143 NO	1. 2 1.0	2.660 1. 2.8000513	54.50 61.49	.001	+143 +143A
+8A	0.	1.				+143A	0.	1.	4213			

PBEAM	144	2	2.800 1.	61.49	.001	+144	+1007	NO	1.	0.5704	4.188	+1007A
+144 +144A	NO 0.	1.0	3.080 0952	76.54		+144A	+1007A PBEAM +1009	0. 1009 NO	1. 2 1.	-9.23- 0.05068 1. 0.05704	7.4	+1009 +1009A
PBEAM +145	145 NO	1.0	3.080 1. 3.080	76.54 76.54	.001	+145 +145A	+1009 +1009A PBEAM	0. 1010	1.	118 0.68448 1.	11.387	+1010
+145A PBEAM	0. 146	1.	.0000 .990 1. 1.017	44.68 47.44	.001	+146 +146A	+1010 +1010A	NO 0.	ī. 1.	0.65988	10.584	+1010A
+146 +146A PBRAM	NO 0. 147	1.0 1. 2	0269 1.017 1.	34.25	.001	+147	PBEAM +1011	1011 NO	2 1.	0.65988 1. 0.58224	3.834 3.781	+1011 +1011A
+147 +147A	NO 0.	1.0	1.620 4573	103.19		+147A	+1011A PBEAM	0. 1012	1.	0.4852 1.	2.985 3.085	+1012 +1012A
PBEAM +148	148 NO	2 1.0	1.500 1. 1.875	24.08 39.37	.001	+148 +148A	+1012 +1012A PBEAM	NO 0. 1013	1. 1. 2	0.3817 .239 0.3817 1.	4.113	+1013
+148A PBEAM	0. 149	1.	2222 1.875 1. 2.250	39.37 59.52	.001	+149 +149A	+1013 +1013A	NO 0.	1.	0.2527	3.779	+1013A
+149 +149A PBEAM	NO 0. 150	1.0 1. 2	1818 1.125 1.	44.13	.001	+150	PBEAM +1014	1014 NO	2 1.	1.1795 1. 1.24325	32.608 37.764	+1014 +1014A
+150 +150A	NO 0.	1.0	1.538	87.37		+150A	+1014A PBEAM	0. 1015	2	-5.26- 1.24325 1.	2 35.291 36.787	+1015 +1015A
PBEAM +151	151 NO	1.0	1.538 1. 1.750	86.52 115.17	.001	+151 +151A	+1015 +1015A PBEAM	NO 0. 1016	1. 1. 2	1.26225 -1.52- 1.0098 1.	36.787	+1016
+151A PBEAM	0. 152 NO	1. 2 1.0	1293 1.750 1. 1.750	115.17 115.17	.001	+152 +152A	+1016 +1016A	NO 0.	1.	0.897	28.514	+1016A
+152 +152A PBEAM	0. 153	1.	.0000	129.80	.001	+153	PBEAM +1017	1017 NO	2 1.	0.897 1. 0.7106	28.514 17.378	+1017 +1017A
+153 +153A	NO 0.	1.0	14.000	129.80		+153A	+1017A PBEAM	0. 1018	1.	.232 0.88825 1. 0.569	17.378 7.448	+1018 +1018A
PBEAM +154	154 NO	1.0	14.000 1. 18.000	79.18 130.90	.001	+154 +154A	+1018 +1018A PBEAM	NO 0. 1020	1. 1. 2	.438	2.924	+1020
+154A PBEAM	0. 160 NO	1. 2 1.0	2500 30.000 .001 30.000	.001	.001	+160 +160A	+1020 +1020A	NO 0.	1.	.192741	3.774	+1020A
+160 +160A PBEAM	0. 161	1.	.0000	9999.00	.001	+161	PBEAM +1022	1022 No	2 1.	.004037 1.	8.0 3.	+1022 +1022A
+161 +161A	NO 0.	1.0	2970.000 .0000	9999.00		+161A	+1022A PBEAM	0. 1023	1.	152 .192741 1. .173225	3.774 1.931	+1023 +1023A
PBEAM +162	162 NO	1.0	2970.0001. 1782.000	9999.00 47.10	.001	+162 +162A	+1023 +1023A PBEAM	NO 0. 1024	1. 1. 2	.173225 .107	1.931	+1024
+162A PBEAM	0. 163	1.	.0000 1.080 1. 1.080	121.33 99.73	.001	+163 +163A	+1024 +1024A	NO 0.	1.	.137473	.991	+1024A
+163 +163A PBEAM	NO 0. 164	1.0 1. 2	.0000	9999.00	.001	+164	PBEAM +1025	1025 NO	2 1.	.137473 1. .085198	.991 4.751	+1025 +1025A
+164 +164A	NO 0.	1.0	2970.000	9999.00		+164A	+1025A PBEAM	0. 1026	1.	0.53326 1.	4.915	+1026 +1026A
PBEAM +165	165 NO	2 1.0	2970.0001. 1980.000	9999.00 9999.00	.001	+165 +165A	+1026 +1026A PBEAM	NO 0. 1027	1. 1. 2	0.56896 -6.48- 0.97536 1.	4.995 2 4.995	+10207
+165A PBEAM	0. 166 NO	1. 2 1.0	.0000 .840 1. .678	181.16 115.24	.001	+166 +166A	+1027 +1027A	NO 0.	1.	.93792 3.91-2	4.858	+1027A
+166 +166A PBEAM	0. 167	1.	.2134 1980.0001.	9999.00	.001	+167	PBEAM +1028	1028 NO	2 1.	0.54712 1. 0.43652	4.858 2.292	+1028 +1028A
+167 +167A	NO 0.	1.0	1980.000	9999.00		+167A	+1028A PBEAM	0. 1029 NO	1. 2 1.	.225 0.12472 1. 0.07392	2.292	+1029 +1029A
PBEAM +168	168 NO 0.	2 1.0 1.	1.400 1. 1.100 .2400	239.03 139.10	.001	+168 +168A	+1029 +1029A PBEAM	0. 1031	1.	.511 .602006 1.	12.135	+1031
+168A PBEAM +169	169 NO	2	4.200 l. 3.210	20.00	.001	+169 +169A	+1031 +1031A	NO 0.	1.	.638206 -5.84-		+1031A
+169A PBEAM	0. 170	1.	.0000 3.210 1.	20.00	.001	+170	PBEAM +1033 +1033A	1033 NO 0.	2 1. 1.	0.0327 1. 0.03526 -7.53-	5.4 0.529	+1033 +1033A
+170 +170A PBEAM	NO 0. 171	1.0 1. 2	3.300 .0000 1980.0001.	20.00	.001	+170A +171	PBEAM +1034	1034 NO	2	.461906 1. .371385	13.539 8.407	+1034 +1034A
+171 +171A	NO D.	1.0	1980.000	9999.00		+171A	+1034A PBEAM	0. 1035	1.	0.1134 1.	.241	+1035
PBEAM +172	172 NO	2 1.0	1.230 1. 1.000	84.87 57.12	.001	+172 +172A	+1035 +1035A	NO 0. 1036	1. 1. 2	0.0864 .270 .371385 1.	.140 7.726	+1035A +1036
+172A PBEAM	0. 173 NO	1. 2 1.0	.2063 1.125 1. 1.188	41.92 46.53	.001	+173 +173A	PBEAM +1036 +1036A	NO 0.	1.	.208421	2.466	+1036A
+173 +173A PBEAM	0. 174	1. 2	0541 .750 1.	12.63	.001	+174	PBEAM +1037	1037 NO	2	0.0864 1. 0.06364	.140 .0759	+1037 +1037A
+174 +174A	NO 0.	1.0	1.063	23.78		+174A	+1037A PBEAM	0. 1038	1.	.303 0.54612 1. 0.58212	5.551 5.807	+1038 +1038A
PBEAM +175	175 NO	1.0	1059.3001. 841.500	9999.00 9999.00	.001	+175 +175A	+1038 +1038A PBEAM	NO 0. 1039	1. 1. 2	-6.38- 0.19404 1.		+1039
+175A PBEAM +176	0. 176 NO	1. 2 1.0	75.000 1. 79.000	2.98 12.10	.001	+176 +176A	+1039	NO 0.	ī. 1.	0.15936	2.212	+1039A
+176A PBEAM	0. 177	1.	79.000 1.	12.10	.001	+177	PBEAM +1040	1040 NO	2 1.	0.15936 1. 0.1296	2.212 .140	+1040 +1040A
+177 +177A	NO 0.	1.0	.0000	29.71		+177A	+1040A PBEAM	1041	1.	.206 0.216 1. 0.1411	.233 .0995	+1041 +1041A
PBEAM +178	178 NO 0.	2 1.0 1.	82.000 1. 85.000	29.71 29.71	.001	+178 +178A	+1041 +1041A PBEAM	NO 0. 1043	1. 1. 2	.1148 1.	.239	+1043
+178A PBEAM +179	179 NO	1.0	85.000 9999.0 90.000	46.06	.001	+179	+1043 +1043A	NO 0.	1.	.118531 -3.20-		+1043A
PBEAM +180	180 NO	2	90.000 9999.0 55.800	31.90	.001	+180	PBEAM +1045	1045 NO	1.	0.02716 1. 0.02891	3.2 0.119	+1045 +1045A
PBEAM +181	181 NO	1.0	990.000 1.	9999.00	.001	+181	+1045A PBEAM +1046	0. 1046 NO	1. 2 1.	-6.24- .118531 1. .103033	.255 .193	+1046 +1046A
PBEAM +182 PBEAM	182 NO 1001	2 1.0 2	990.000 1. 1.34778 1.	9999.00 14.325	.001	+182	+1046A +1046A PBEAM	0.	1.	.140 0.02568 1.	0.001	+1047
+1001 +1001A	NO 0.	1.	1.32951 1.36-2	14.209		+1001A	+1047 +1047A	NO 0.	1.	0.02513		+1047A +1048
PBEAM +1002	1002 NO	2 1.	1.32951 1. 1.23648	14.209 13.640		+1002 +1002A	PBEAM +1048 +1048A	1048 NO	2 1. 1.	.103033 1. .082328	.193 .123	+1048 +1048A
+1002A PBEAM +1003	0. 1003 NO	1. 2 1.	7.25-2 1.23648 1. 1.09137	13.640 12.836		+1003 +1003A	PBEAM +1049	1049 NO	2	.082328 1. 0.05289	.637 .953	+1049 +1049A
+1003A PBEAM		1.	.125 1.09137 1.	12.836		+1904	+1049A PBEAM	1050	1.	.435 12.9 1.	.952	+1050 +1050A
+1004 +1004A	NO 0.	1. 1.	0.85176	11.727		+1004A +1005	+1050 +1050A PBEAM	NO 0. 1051	1. 1. 2	2.9 1.266 0.41616 1.	.15 4.768	+1050A +1051
PBEAM +1005 +1005A	1005 NO 0.	2 1. 1.	0.85176 1. 0.57309 .391	11.727 10.782		+1005A	+1051 +1051A	NO	1.	0.39888	4.214	+1051A
PBEAM	1007	2	0,5201 1.	4.137		+1007	PBEAM	1052	2	0.28808 1.	3.968	+1052

+1052	NO	1.	0.22399	2.323	+1052A	+1099 NO 1. +1099A 0. 1.	0.50864	3.405	+1099A
+1052A PBEAM +1053	0. 1053 NO	1. 2 1.	.250 0.22399 1. 0.13195	2.323 .877	+1053 +1053A	+1099A 0. 1. PBEAM 1100 2 +1100 NO 1.	0.32368 1. 0.2702	2.951 1.360	+1100 +1100A
+1053A PBEAM	0. 1054	1.	.517 10.15 1.	1.104	+1054	+1100A 0. 1. PBEAM 1101 2	.180 0.2895 1. 0.237	1.434 1.561	+1101 +1101A
+1054 +1054A	NO 0.	1.	2.3 1.261 0.0772 1.	.15	+1054A +1056	+1101 NO 1. +1101A 0. 1. PBEAM 1102 2	.199 .803494 1.	19.105	+1102
PBEAM +1056 +1056A	1056 NO 0.	2 1. 1.	.07868 -1.90-2	.116	+1056A	+1102 NO 1. +1102A 0. 1.	.756148 6.07-2	18.318	+1102A
PBEAM +1057	1057 NO	2 1.	0.07868 1. 0.06116	.116 .0701	+1057 +1057A	PBEAM 1103 2 +1103 NO 1. +1103A 0. 1.	.868368 1. .808308 7.16-2	3.7 3.656	+1103 +1103A
+1057A PBEAM	0. 1058 NO	1. 2 1.	.251 0.06116 1. .0332	.587 .173	+1058 +1058A	+1103A 0. 1. PBEAM 1104 2 +1104 NO 1.	0.56848 1. 0.53648	7.616 2.977	+1104 +1104A
+1058 +1058A PBEAM	0. 1059	1.	.593 8.3 1.	.173	+1059	+1104A 0. 1. PBEAM 1105 2	5.79-2 0.53648 1.	1.985	+1105 +1105A
+1059 +1059A	NO 0.	1. 1. 2	1.8 1.287 0.6004 1.	1.874 3.	+1059A +1060	+1105 NO 1. +1105A 0. 1. PBEAM 1106 2	0.49888 7.26-2 0.49888 1.	2.217	+1106
PBEAM +1060 +1060A	1060 NO 0.	1.	0.513	1.073	+1060A	+1106 NO 1. +1106A 0. 1.	0.4536 9.51-2	2.014	+1106A +1107
PBEAM +1061	1061 NO 0.	2 1. 1.	0.513 1. .2508	1.073 2. .265	+1061 +1061A	PBEAM 1107 2 +1107 NO 1. +1107A 0. 1.	0.70875 1. 0.664 6.52-2	2.009 1.764	+1107A
+1061A PBEAM +1062	1062 NO	2	6.6 1. 1.5	.249	+1062 +1062A	PBEAM 1108 2 +1108 NO 1.	0.3984 1. 0.37695	.670 .600	+1108 +1108A
+1062A PBEAM	0. 1071	1.	1.259 .563180 1. .456388	30.125 12.840	+1071 +1071A	+1108A 0. 1. PBEAM 1109 2 +1109 NO 1.	5.53-2 0.37695 1. 0.3324	.600 1.367	+1109 +1109A
+1071 +1071A PBEAM	NO 0. 1072	1. 1. 2	.209	8.277	+1072	+1109A 0. 1. PBEAM 1110 2	.126 0.35456 l.	1.367	+1110 +1110A
+1072 +1072A	NO 0.	1.	2.59-2	7.859	+1072A +1073	+1110 NO 1. +1110A 0. 1. PBEAM 1111 2	0.31472 .119 0.15736 I.	.368	+1111
PBEAM +1073 +1073A	1073 NO 0.	2 1. 1.	.554312 1. .515704 7.15-2	7.859 6.811	+1073A	+1111 NO 1. +1111A 0. 1.	0.1264	1.156	+1111A +1112
PBEAM +1074	1074 NO	2 1.	.58975 1. .531	14.868 6.135	+1074 +1074A	PBEAM 1112 2 +1112 NO 1. +1112A 0. 1.	0.1728 1. 0.16064 7.29-2	.303 .262	+1112A
+1074A PBEAM +1075	0. 1075 NO	1. 2 1.	.675834 1. .608902	32.711 25.555	+1075 +1075A	PBEAM 1113 2 +1113 NO 1.	0.16064 1. 0.13784	.222 .163	+1113 +1113A
+1075A PBSAM	0. 1076	1.	.104 .74152 1. .64649	3.66 10.312	+1076 +1076A	+1113A 0. 1. PBEAM 1114 2 +1114 NO 1.	.153 0.13784 1. 0.12232	.148 .117	+1114 +1114A
+1076 +1076A PBEAM	NO 0. 1077	1. 1. 2	.137 0.59676 1.	12.691	+1077	+1114A 0. 1. PBEAM 1115 2	.119 0.12232 l.	.117	+1115 +1115A
+1077 +1077A	NO 0.	1.	0.50976 .157 .531 1.	2.256 6.135	+1077A +1078	+1115 NO 1. +1115A 0. 1. PBEAM 1116 2	0.108 .124 .337714 1.	.991 19.909	+1115A
PBEAM +1078 +1078A	1078 NO 0.	2 1. 1.	.504625 5.09-2	5.541	+1078A	+1116 NO 1. +1116A 0. 1.	.312716 7.69-2	19.868	+1116A +1117
PBEAM +1079	1079 NO	1.	0.52481 1. 0.49517 5.81-2	5.541 4.933	+1079 +1079A	PBEAM 1117 2 +1117 NO 1. +1117A 0. 1.	0.85918 1. 0.77384 .105	3.590 3.626	+1117A
+1079A PBEAM +1080	0. 1080 No	1. 2 1.	0.41899 1. 0.36586	4.933 6.161	+1080 +1080A	PBEAM 1118 2 +1118 NO 1.	0.54624 1. 0.49872	6.20 2.937	+1118 +1118A
+1080A PBEAM +1081	0. 1081 NO	1. 2 1.	.135 .902630 1. .842997	30.774 31.687	+1081 +1081A	+1118A 0. 1. PBEAM 1119 2 +1119 NO 1.	9.10-2 0.39482 1. 0.35112	1.371 1.197	+1119 +1119A
+1081A PBEAM	0. 1082	1.	6.83-2 .756112 1.	9.525	+1082	+1119A 0. 1. PBEAM 1120 2	.117 0.31416 1. 0.27047	1.796 1.622	+1120 +1120A
+1082 +1082A PBEAM	NO 0. 1083	1. 1. 2	.694238 8.53-2 0.90882 1.	19.190 14.949	+1082A +1083	+1120 NO 1. +1120A 0. 1. PBEAM 1121 2	.149 0.36593 1.	.570	+1121
+1083 +1083A	NO 0.	1.	0.84618 7.14-2	2.210	+1083A +1084	+1121 NO 1. +1121A 0. 1. PBEAM 1122 2	0.32453 .120 0.23987 1.	.448	+1121A +1122
PBEAM +1084 +1084A	1084 NO 0.	2 1. 1.	0.9402 1. 0.8128	2.065	+1084A	+1122 NO 1. +1122A 0. 1.	0.2193 8.96-2	.324	+1122A
PBEAM +1085 +1085A	1085 NO 0.	2 1. 1.	0.48768 1. 0.39912 .200	2.242 2.251	+1085 +1085A	PBEAM 1123 2 +1123 NO 1. +1123A 0. 1.	2.193 1. 1.7255	0.577 0.319	+1123 +1123A
PBEAM +1086	1086 NO	2	0.73172 1. 0.7194	4.425 4.277	+1086 +1086A	PBEAM 1124 2 +1124 NO 1.	1.7255 .1 1.411 .201	0.319 0.186	+1124 +1124A
+1086A PBEAM +1087	0. 1087 NO	1. 2 1.	1.70-2 0.7194 1. 0.66748	4.277 3.682	+1087 +1087A	+1124A 0. 1. PBEAM 1125 2 +1125 NO 1.	1.411 1. 1.122	0.186 0.37	+1125 +1125A
+1087A PBEAM	0. 1088	1. 2	7.49-2 0.48544 1.	3.682	+1088 +1088A	+1125A 0. 1. PBEAM 1126 2 +1126 NO 1.	.228 0.290 1. 0.230	.15	+1126 +1126A
+1088 +1088A PBEAM	NO 0. 1089	1. 1. 2	0.448 8.02-2 0.616 1.	3.136 3.136	+1089	+1126A 0. 1. PBEAM 1127 2	0.230 1.	.15	+1127
+1089 +1089A	NO 0.	1. 1.	0.59752 3.05-2 0.59752 1.	2.951 3.319	+1089A +1090	+1127 NO 1. +1127A 0. 1. PBEAM 1128 2	0.180 .244 0.180 1.	.15	+1127A +1128
PBEAM +1090 +1090A	1090 NO 0.	2 1. 1.	0.56496 5.60-2	2.968	+1090A	+1128 NO 1. +1128A 0. 1.	0.150		+1128A +1131
PBEAM +1091	1091 NO	2 1. 1.	.964044 1. .900046 6.87-2	26.163 33.946	+1091 +1091A	PBEAM 1131 2 +1131 NO 1.0 +1131A 0. 1.	24.900 1. 41.600502	2.334 4.497	+1131A
+1091A PBEAM +1092	1092 NO	2	.80058 1. .740025	8.240 7.040	+1092 +1092A	PBEAM 1132 2 +1132 NO 1.6		1.258 6.091	+1132 +1132A
+1092A PBEAM +1093		1. 2 1.	7.86-2 0.9867 1. 0.9295	3.017 2.678	+1093 +1093A	+1132A 0. 1. PBEAM 1133 2 +1133 NO 1.	651 43.800 1. 46.400	6.091 .001 8.843	+1133 +1133A
+1093A PBEAM	0. 1094	1. 2	5.97-2 0.7605 1.	2.231	+1094	+1133A 0. 1. PBEAM 1134 2	058 46.4 100. 50.68	13.5 10.	+1134 +1134A
+1094 +1094A PBEAM	NO 0. 1095	1. 1. 2	0.70344 7.80-2 0.62528 1.	1.909 2.245	+1094A +1095	+1134 NO 1. +1134A 0. 1. PBEAM 1135 2	-8.82- 20.300 1.	1.601	+1135
+1095 +1095A	NO 0.	1. 1.	0.56416	5.554	+1095A +1096	+1135 NO 1. +1135A 0. 1. PBEAM 1136 2	39.600 644 17.900 1.	5.214 1.469	+1135A +1136
PBEAM +1096 +1096A	1096 NO 0.	2 1. 1.	1.12832 1. 1.03488 8.64-2	3.720 3.138	+1096A	+1136 NO 1. +1136A 0. 1.	35.300 654	4.849	+1136A
PBEAM +1097	1097 NO	2	0.58212 1. 0.52038 .112	.9936 .794	+1097 +1097A	PBEAM 1137 2 +1137 NO 1. +1137A 0. 1.	35.300 1. 39.910123	4.849 .001 7.360	+1137 +1137A
+1097A PBEAM +1098	1098 NO	1. 2 1.	0.46256 1. 0.41088	.878 .692	+1098 +1098A	PBEAM 1138 2 +1138 NO 1.	39.91 100. 40.37	10.5 10.	+1138 +1138A
+1098A PBEAM	0. 1099	1.	0.56496 1.	2.968	+1099	+1138A 0. 1. PBEAM 1139 2	-1.15- 15.900 1.		+1139

+1139	NO	1.0	31.800		4.283		+1139A	+1186	NO	1.0	21.000		7.00000		+1186A
+1139A	0. 1140	1.		667 1.	.836		+1140	+1186A PBEAM	0. 1187	1.		.0524 1.	7.00000	.265	+1187
+1140	NO 0.	1.0	28.200	673	2.827		+1140A	+1187 +1187A	NO 0.	1.0	16.200	.2581	.95000	.265	+1187A +1188
PBEAM :	1141 NO	2 1.0	28.200 32.160	1.	2.827 4.634	.001	+1141 +1141A	PBEAM +1188 +1188A	1188 NO 0.	2 1.0 1.	10.900	1. .3911	.30000	.203	+1188A
PBEAM	0. 1142	1.	32.16	131 100.	7.94	10.	+1142 +1142A	PBEAM +1189	1189 NO	1.0	10.900 5.690	1.	.30000	.265	+1189 +1189A
+1142A	NO 0.	1. 1. 2	32.70 12.800	-1.67-2 1.	,537		+1143	+1189A PBEAM	0. 1190	1.		.6281 100.	1.1	.001	+1190
+1143 I	1143 No 0.	1.0	26.050	682	1.860		+1143A	+1190 +1190A	NO 0.	1. 1.	2.802	.197	1.0		+1190A
PBEAM :	1144 NO	2	11.190 23.000	1.	.541 1.894		+1144 +1144A	PBEAM +1191	1191 NO	1.0	18.680 18.680	1.	5.80000 5.80000	.265	+1191 +1191A
+1144A	0. 1145	1.		691 1.	1.894	.001	+1145	+1191A PBEAM	0. 1192	1.	18.680 14.740	.0000 1.	5.80000 .28300	.265	+1192 +1192A
+1145A	NO 0.	1.0	25.560	105	3.414	10.	+1145A +1146	+1192 +1192A PBEAM	NO 0. 1193	1.0 1. 2		.2358	.28300	.265	+1193
+1146	1146 NO	2 1. 1.	25.56 27.16	100. -6.070-	6.5	10.	+1146A	+1193 +1193A	NO 0.	1.0	9.990	.3841	.09600		+1193A
PBEAM	0. 1147 NO	2	9.060 19.800	1.	.492 1.700		+1147 +1147A	PBEAM +1194	1194 NO	2 1.0	9.990 5.250	1.	.09600 .01400	.265	+1194 +1194A
+1147A	0. 1148	1.	7.640	744 1.	.210		+1148	+1194A PBEAM	0. 1195	1.		.6220 1.	5.14100	.265	+1195 +1195A
+1148A	NO 0.	1.0	17.500	784	.929		+1148A	+1195 +1195A PBEAM	NO 0. 1196	1.0 1. 2	33.740	.0637	5.13000 5.13000	.265	+1196
+1149	1149 NO	1.0	17.500 18.620	1. 062	.929 1.942	.001	+1149 +1149A	+1196 +1196A	NO 0.	1.0	26.740	.2315	.22400		+1196A
PBEAM	0. 1150 NO	1. 2 1.	18.62 19.3	100.	4.32	10.	+1150 +1150A	PBEAM +1197	1197 NO	2	26.740 18.100	1.	.22400 .07510	.265	+1197 +1197A
+1150A	0. 1151	1.	7.100	-3.59-2 1.	.042		+1151	+1197A PBEAM	0. 1198	1. 2		.3854 1.	.07510	.265	+1198
+1151	NO 0.	1.0	16.900	817	.269		+1151A	+1198 +1198A	NO 0.	1.0	9.500	.6232	.01143	.001	+1198A +1199
+1152	1152 NO	2 1.0	22.300 24.900	1.	1.150 1.440		+1152 +1152A	PBEAM +1199 +1199A	1199 NO 0.	2 1. 1.	0.924 0.7535	.203	0.32 0.25	.001	+1199A
PBEAM	0. 1153	1.	20.300	110 1.	.870 1.150		+1153 +1153A	PBEAM +1200	1200 NO	1.0	15.070 15.070	1.	3.20000 3.20000	.265	+1200 +1200A
+1153A	NO 0. 1154	1.0 1. 2		094 1.	.630		+1154	+1200A PBEAM	0. 1201	1.	15.070	.0000	3.20000	.265	+1201
+1154	NO O.	1.0	20.300	126	.870		+1154A	+1201 +1201A	NO 0.	1.0	13.370	.1195	.17300	265	+1201A +1202
+1155	1155 No	2 1.0	15.900 17.900	1.	.470 .630		+1155 +1155A	PBEAM +1202 +1202A	1202 NO 0.	2 1.0 1.	13.370 8.120	.4886	.17300 .05600	.265	+1202A
PBEAM	0. 1156	1.	14.000 15.900	118 1.	.340 .470		+1156 +1156A	PBEAM +1203	1203 NO	2	8.120 4.260	1.	.05600	.265	+1203 +1203A
+1156A	NO 0. 1157	1.0 1. 2		127	.260		+1157	+1203A PBEAM	0. 1204	1.	15.940	.6236 1.	2.00000	.265	+1204
+1157	NO 0.	1.0	14.000	090	.340		+1157A	+1204 +1204A	NO 0.	1.0	13.940	.1339	2.00000	201	+1204A +1205
PBEAM +1158	1158 NO	2 1.0	11.190 12.800	1.	.280 .260		+1158 +1158A	PBEAM +1205	1205 NO	1.0	13.940 11.130	.2242	2.00000 .10800	.265	+1205A
PBEAM	0. 1159	1.	9.060 11,190	134 1.	.260 .280		+1159 +1159A	+1205A PBEAM +1206	0. 1206 NO	1. 2 1.0	11.130 7.530	1.	.10800	.265	+1206 +1206A
+1159A	NO 0. 1160	1.0 1. 2	7.640	210 1.	.170		+1160	+1206A PBEAM	0. 1207	1.	7.530	.3859 1.	.03700	.265	+1207
+1160	NO 0.	1.0	9.060	170	.260		+1160A	+1207 +1207A	NO 0.	1.0	3.950	.6237	1.20000	.265	+1207A +1208
+1161	1161 NO	1.0	7.100 7.640	1.	.120 .170		+1161 +1161A	PBEAM +1208 +1208A	1208 NO 0.	2 1.0 1.	12.820 12.820	.0000	1.20000	.203	+1208A
PBEAM	0. 1162 NO	1. 2 1.0	43.800 41.600	073 1.	5.189 5.636		+1162 +1162A	PBEAM +1209	1209 NO	1.0	12.820 10.280	1.	1.20000	.265	+1209 +1209A
+1162A	0. 1163	1.	39.600	.052 1.	4.049		+1163	+1209A PBEAM	0. 1210	1.		.2199 1.	.07100	.265	+1210
+1163 +1163A	NО 0.	1.0	43.800	101	5.170		+1163A	+1210 +1210A PBEAM	NO 0. 1211	1.0 1. 2	6.960 6.960	.3852 1.	.02500	.265	+1210A +1211
+1164	1164 NO	1.0	35.300 39.600	1. 115	3.053 4.049		+1164 +1164A	+1211 +1211A	NO	1.0	3.640	.6264	.00370		+1211A
PBEAM	0. 1165 NO	1. 2 1.0	31.800 35.300	1.	2.364 3.040		+1165 +1165A	PBEAM +1212	1212 NO	2	0.7055 0.63	100.	0.32 0.25	.001	+1212 +1212A
+1165A	0. 1166	1.	28.200	104 1.	1.762		+1166	+1212A PBEAM	1213	1.		.113	.70000 .70000	.265	+1213 +1213A
+1166A		1.0	31.800	120	2.354		+1166A +1167	+1213 +1213A PBEAM	NO 0. 1214	1.0 1. 2	11.690	.0749 1.	.70000	.265	+1214
+1167	1167 NO 0.	2 1.0 1.	26.050 28.200	1. 079	1.444		+1167A	+1214 +1214A	NO	1.0	9.420	.2151	.05530		+1214A
PBEAM	1168 NO	1.0	23.000 26.050		1.274		+1168 +1168A	PBEAM +1215	1215 NO	2 1.0	9.420 6.360	1.	.05530 .01900	.265	+1215 +1215A
+1168A		1.	19.800	124 1.	1.019		+1169	+1215A PBEAM	1216	1.	6.360	.3878 1.	.01900	.265	+1216 +1216A
+1169A		1.0	23.000	150	1.269		+1169A +1170	+1216 +1216A PBEAM		1.0 1. 2	3.330	.6254	.00290	.265	+1217
+1170	1170 NO 0	2 1.0 1.	17.500 19.800	1. 123	.706 1.007		+1170A	+1217 +1217A	NO	1.0	10.620	.0708	.40000		+1217A
PBEAM	1171 NO	2 1.0	16.900 17.500	1.	.588 .709		+1171 +1171A	PBEAM +1218	1218 NO	2 1.0	10.620 8.570	1.	.40000 .01970	.265	+1218 +1218A
+1171A	0. 1181	1.	0.341	035 100.	4.328	.001	+1181	+1218A PBEAM	1219	1.	8.570	.2137	.01970	.265	+1219 +1219A
+1181 +1181A	NO 0.	1.	1.0025	984	10.953	265	+1181A +1182	+1219 +1219A PBEAM		1.0 1. 2	5.750 5.750	.3939	.00760	.265	+1220
+1182	1182 NO	2 1.0 1.	1.604	1. .1611	75.00000 70.00000	.265	+1182A +1182A	+1220 +1220A	NO	1.0	2.990	.6316	.00130		+1220A
PBEAM	0. 1183 NO	1. 2 1.0	68.240 53.180	1.	70.00000 18.30000	.265	+1183 +1183A	PBEAM +1231	1231 NO	2	.189 .614	1.	2.20872 25.02095	3.000	+1231 +1231A
+1183A PBEAM	0. 1184	1.	1.064	.2481 1.	18.30000	.265	+1184	+1231A PBEAM	1232	1.	.280	-1.0587 1.	1.74280	2.000	+1232 +1232A
+1184 +1184A	NO 0.	1.0	.715	.3923	5.30000	265	+1184A +1185	+1232 +1232A PREAM		1.0 1. 2	.315	1169 1.	2.20872 1.15839	.900	+1232
+1185	1185 NO	2 1.0	.715 .370	1. .6362	5.30000 .65000	.265	+1185 +1185A	+1233 +1233A	NO	1.0	.168	-,1018	1.42177		+1233A
	0. 1186	2	22.130		7.00000	.265	+1186	PBEAM		2	.226	1.	.74641	.700	+1234

+1234	NO	1.0	.253		.93783		+1234A	PBEAM	2015	2	2870.527		.200	.001	+2015
+1234A	0.	1.		1127	55000	.400	+1235	+2015 PBEAM	NO 2016	1.	1965.233 1965.233		.470 .470	.001	+2016
PBEAM +1235	1235 NO	2 1.0	.125 .136	1.	.55802 .65330	.400	+1235A	+2016	NO	1.	1059.939	1.	.740	001	12017
+1235A	0.	1.		0779	40710	300	+1236	PBEAM +2017	2017 NO	2 1.	617.482 1398.200		.108	.001	+2017
PBEAM +1236	1236 NO	2 1.0	.115	1.	.40738 .48321	.300	+1236A	PBEAM	2018	2	1398,200	1.	.104	.001	+2018
+1236A	0.	1.		0837		150	+1237	+2018 PBEAM	NO 2019	1.	2178.819		.100	.001	+2019
PBEAM +1237	1237 NO	2 1.0	.175 .192	1.	.28956 .34903	.150	+1237A	+2019	NO	1.	1488.000	1.	.120		
+1237A	0.	1.		0922		.075	+1238	PBEAM +2020	2020 NO	2 1.	1488.000 797.200		.120 .140	.001	+2020
PBEAM +1238	1238 NO	2 1.0	.096 .105	1.	.20137 .24515	.075	+1238A	PBEAM	2021	2	454.845	1.	.100	.001	+2021
+1238A	0.	1.		0959				+2021	NO 2022	1.	832.800 832.800		.110	.001	+2022
PBEAM +1241	1241 NO	2 1.0	16.200 53.180	1.	.01850 .26000	3.000	+1241 +1241A	PBEAM +2022	NO	1.	1210.788	31.	.120		
+1241A	0.	1.		-1.0660				PBEAM	2023	2	1210.788 852.600		.120	.001	+2023
PBEAM	1242	2 1.0	14.740 16.200	1.	.01400	2.000	+1242 +1242A	+2023 PBEAM	NO 2024	1.	852.600		.126	.001	+2024
+1242 +1242A	NO 0.	1.	10.200	~.0944	.01030			+2024	NO	1.	494.505		.131	.001	+2031
PBEAM	1243	2	13.370 14.740	1.	.00940	.900	+1243 +1243A	PBEAM +2031	2031 NO	2 1.	203.896 173.400		44.200 22.970	.001	
+1243 +1243A	NO 0.	1.0	14.740	0975	.01400			PBEAM	2032	2	173.400	1.	22.970 1.740	.001	+2032
PBEAM	1244	2	13.370 13.370	1.	.00690	.700	+1244 +1244A	+2032 PBEAM	NO 2033	1.	142.957		1.740	-001	+2033
+1244 +1244A	NO 0.	1.0	13.370	.0000	.00940			+2033	NO	1.	127.400		1.339	.001	+2034
PBEAM	1245	2	11.130	1.	.00450 .00690	.400	+1245 +1245A	PBEAM +2034	2034 NO	2 1.	127.400		.937	2001	
+1245 +1245A	NO 0.	1.0	13.370	1829			1	PBEAM	2035	2	111.788		.937	.001	+2035
PBEAM	1246	2	10.280	1.	.00330	.300	+1246 +1246A	+2035 PBEAM	NO 2036	1. 2		1.	.714 .714	.001	+2036
+1246 +1246A	NO 0.	1.0	11.130	0794	.00430			+2036	NO	1.		1.	.490	.001	+2037
PBEAM	1247	2	9.420 10.280	1.	.00210	.150	+1247 +1247A	PBEAM +2037	2037 NO	2 1.		1.	.490 .395	.001	72037
+1247 +1247A	NО 0.	1.0	10.280	0873	.00330			PBEAM	2038	2	73.800	1.	.395	.001	+2038
PBEAM	1248	2	8.570	1.	.00150	.075	+1248 +1248A	+2038 PBEAM	NO 2039	1.		1.	.300	.001	+2039
+1248 +1248A	NO 0.	1.0	9.420	~.0945	.00210			+2039	NO	1.	53.600	1.	.205	221	+2040
PBEAM	1251	2	10.900	1.	.00604	3.000	+1251 +1251A	PBEAM +2040	2040 NO	2 1.	53.600 45.484	1.	.205 .110	.001	+2040
+1251 +1251A	NO 0.	1.0	35.740	-1.0652	.08200		*1251A	PBEAM	2041	2	557.442	1.	61.000	.001	+2041
PBEAM	1252	2	9.990	1.	.00460	2.000	+1252	+2041 PBEAM	NO 2042	1. 2	528.700 528.700		34.500 34.500	.001	+2042
+1252 +1252A	NO 0.	1.0	10.900	0871	.00604		+1252A	+2042	NO	1.	500.000	1.	8.000		. 2012
PBEAM	1253	2	9.050	1.	.00315	.900	+1253	PBEAM +2043	2043 NO	2 1.	500.000 429.900		2.100 1.750	.001	+2043
+1253 +1253A	NO 0.	1.0	9.990	0987	.00460		+1253A	PBEAM	2044	2	429.900	1.	1.750	.001	+2044
PBEAM	1254	2	8.120	1.	.00232	.700	+1254	+2044 PBEAM	NO 2045	1. 2	359.740 359.740		1.400	.001	+2045
+1254 +1254A	NO 0.	1.0	9.050	1083	.00315		+1254A	+2045	NO NO	1.	323.400	1.	1.300		
PBEAM	1255	2	7.530	1.	.00149	.400	+1255	PBEAM +2046	2046 NO	2 1.	323.400 287.053		1.300	.001	+2046
+1255 +1255A	NO 0.	1.0	8.120	0754	.00232		+1255A	PBEAM	2047	2	287.053	1.	1.200	.001	+2047
PBEAM	1256	2	6.960	1.	.00112	.300	+1256	+2047	NO 2048	1.	252.500 252.500		.860 .860	.001	+2048
+1256 +1256A	NO 0.	1.0 1.	7.530	0787	.00149		+1256A	PBEAM +2048	NO NO	1.	217.882		.520		
PBEAM	1257	2	6.360	1.	.00074	.150	+1257	PBEAM	2049	2	217.882		.520 .323	.001	+2049
+1257	NO	1.0	6.960	0901	.00112		+1257A	+2049 PBEAM	NO 2050	1.	169.500 169.500		.323	.001	+2050
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+1258A PBEAM	0. 1261	1. 2	5.690	1.	.00089	3.000	+1261	PBEAM	2052	2	150.000		18.200	.001	+2052
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+1261A PBEAM	0. 1262	1.	5.250	1.	.00068	2.000	+1262	+2053	NO	1.	119.900	1.	1.430	001	+2054
+1262	NO	1.0	5.690	0804	.00089		+1262A	PBEAM +2054	2054 NO	2 1.	119.900		1.430	.001	72034
+1262A PBEAM	0. 1263	1. 2	4.750	1.	.00047	.900	+1263	PBEAM	2055	2	105.994		.914	.001	+2055
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+1264	NO	1.0	4.750	1088	.00047		+1264A	PBEAM +2057	2057 NO	2 1.	79.720 64.600	1.	.204	.001	+2057
+1264A PBEAM	0. 1265	1. 2	3.950	1.	.00023	.400	+1265	PBEAM	2058	2	64.600	1.	.204	.001	+2058
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+1266	NO 0.	1.0	3.950	0817	.00023		+1266A	+3026P) PBEAM	A 0. 3027	1. 2	0.3	-0.887 1000.	10.	.001	+3027P
+1266A PBEAM	1267	1. 2	3.330	1.	.00011	.150	+1267	+3027P	NO	1.	0.123	0.837			+3027PA
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PBEAM	2003	2	5574.42		37.000 18.660	.001	+2003	+3031P PBEAM	NO 3032	1.	41.	1000.	10.	0.	+3032P
+2003 PBRAM	NO 2004	1.	3618.90 3618.90	001.	18.660	.001	+2004	+3032P	NO	1.				***	.5000
+2004	NO	1.	1663.33	351.	.320	.001	+2005	PBEAM +5002	5002 NO	2 1.0	.920	736.000 896.000	606.050 655.500	640.	+5002 +5002A
PBEAM +2005	2005 NO	1.	1429.56 3214.80		1.290 10.645	.001	72003	+5002A	0.	1.					
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+2007	NO	1.	3331.6	551.	11.600			PBEAM +5052	5052 NO	2 1.0	4.140		04172.000 04245.000	5250.	+5052 +5052A
PBEAM +2008	2008 NO	2 1.	3331.66		11.600 3.200	.001	+2008	+5052A	0.	1.					
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PBEAM +2011	2011 NO	2 1.	3597.3		.200 .650	.001	+2011	PLOTEL PSHEAR	. 71	2	.0611				
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+2013	NO	1.	1864.8	001.	.247			PSHEAR	75	2 2	.0611				
PBEAM +2014	2014 NO	2 1.	1864.8 2870.5		.247	.001	+2014	PSHEAR PSHEAR		1	.1917				
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PSHEAR	650	2	.0382			RBAR	111 112	79 79	1079 2079	123456 123456	123 123
	651 652	1	.028			RBAR RBAR	113	82	1082	123456	123
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	654 655	1 1	.04225			RBAR RBAR	115 116	94	2094	123456	123
	656	i	.0425			RBAR	117	114	1114 2114	123456 123456	123 123
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	604 605	601	.274			RBAR	126	82	83	123456	123
PSHELL	606	606	-247			RBAR RBAR	127 128	115 33	116 31	123456 123456	123 123
	607 608	606 6 06	.252			RBAR	129	39	37	123456	
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	610 611	6 06 6 06	.410 .279			RBAR	132	68	66	123456	122
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	616 617	5 5	.234			RBAR	219	280	1280	123456	123
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PSHELL	679	1	.137			RBAR RBAR	1339 1340	39 39	1039 2039	123456 123456	123 123
PSHELL PSHELL	680 681	1	.107 .073			RBAR	1341	44	1044	123456	123
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PSHELL PSHELL	705 706	706	.230			RBAR	1350	52	2052	123456	123
PSHELL PSHELL	707 708	707 708	.132			RBAR RBAR	1351 1352	53 53	1053 2053	123456 123456	123 123
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PSHELL RBAR	710 23	710 283	.072 407	123456		RBAR RBAR	1354 1355	55 56	1056	123456 123456	123
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RBAR RBAR	103 104	54 54	1054 2054	123456 123456	123 123	RBAR RBAR	1369 1370	67 67	1067 2067	123456 123456	123
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RBAR	1377	74 74	1074 2074	123456 123456	123 123		RBAR RBAR	1513 1514	102 102	2102	123456	123
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RBAR RBAR	1386 1387	78 80	2078 1080	123456 123456	123	- 1	RBAR	1523	107	1107	123456	123
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RBAR	1393	86	1086	123456	123	l	RBAR RBAR	1529 1530	110 110	1110 2110	123456 123456	123 123
RBAR RBAR	1394 1395	86 87	2086 1087	123456 123456	123 123	ŀ	RBAR	1531	111	1111	123456	123
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RBAR	1476	18	2018	123456 123456	123 123	1	RBAR RBAR	2258 2259	512 513	2512 1513	123456 123456	123 123
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RBAR	1479	174	1174	123456	123	i i	RBAR	2261	514	1514	123456	123
RBAR	1480	174	2174 1175	123456 123456	123 123	1	RBAR RBAR	2262 2263	514 515	2514 1515	123456 123456	123 123
RBAR RBAR	1481 1482	175 175	2175	123456	123		RBAR	2264	515	2515	123456	123
RBAR	1483	176	1176	123456	123		RBAR	2265	516	1516	123456	123
RBAR	1484	176 177	2176 1177	123456 123456	123 123	l	RBAR RBAR	2266 2267	516 517	2516 1517	123456 123456	123 123
RBAR RBAR	1485 1486	177	2177	123456	123	- 1	RBAR	2268	517	2517	123456	123
RBAR	1487	178	1178	123456	123	1	RBAR	2269	518	1518	123456	123
RBAR RBAR	1488 1489	178 179	2178 1179	123456 123456	123 123	l	RBAR RBAR	2270 2271	518 519	2518 1519	123456 123456	123 123
RBAR RBAR	1489	179	2179	123456	123		RBAR	2272	519	2519	123456	123
RBAR	1491	180	1180	123456	123		RBAR	2273	520	1520	123456	123
RBAR RBAR	1492 1493	180 194	2180 1194	123456 123456	123 123		RBAR RBAR	2274 2275	520 521	2520 1521	123456 123456	123 123
RBAR	1493	194	2194	123456	123		RBAR	2276	521	2521	123456	123
RBAR	1501	96	1096	123456	123		RBAR	2277	522 522	1522 2522	123456 123456	123 123
RBAR RBAR	1502 1503	96 97	2096 1097	123456 123456	123 123		RBAR RBAR	2278 2279	522 523	1523	123456	123
RBAR	1504	97	2097	123456	123		RBAR	2280	523	2523	123456	123
RBAR	1505	98 98	1098 2098	123456 123456	123 123		RBAR RBAR	2281 2282	524 524	1524 2524	123456 123456	123 123
RBAR RBAR	1506 1507	99	1099	123456	123		RBAR	2283	525	1525	123456	123
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RBAR	2284	525	2525	123456			123		SPC1	5	456	1143					
RBAR	2285	526	1526	123456			123		SPC1	5	456	1178	1179	1180	1194		
RBAR	2286	526	2526	123456			123		SPCl	5	456	1181	THRU	1193			
RBAR	3042	72	3016	123456					SPC1	5	456	1233	2233				
RBAR	3043	3016	143	123456			123		SPCI	5	456	1242	1243	1244	1245		
SPC1	3	1	359	360	361	362	364	367	SPC1	5	456	1251	THRU	1266			
SPC1	3	•	368	369	370	371	373	381	SPC1	5	456	1292	1293	1464	1465	1466	1467
	-	:	383	384	385	386	387	389	SPC1	5	456	1501	THRU	1526			
SPC1	3	1	390	391	392	393	408	203	SPC1	5	456	2001	2002	2003	2004	2005	2006
SPC1	3	156	36	42	50	437	59	431	SPC1	5	456	2007	2008	2010	2012	2014	2016
SPC1	3			84	298	286	117	285	SPC1	5	456	2018	2173	2174	2175	2176	2177
SPCI	3	156	71		153	154	155	156	SPC1	5	456	2019	THRU	2027			
SPC1	3	156	163	164	458	459	133	130	SPC1	5	456	2029	2030	2032	2033	2038	2039
SPC1	3	156	267	268		281	405		SPC1	5	456	2031	2034	2037	2040	2045	2048
SFC1	3	156	283	284	282			421	SPC1	5	456	2044	2046	2047	2051	2052	2053
SPCI	4	234	36	42	50	437	59	431	SPC1	5	456	2054	2057	2066	2069	2079	2082
SPC1	4	234	71	84	298	286	117	285	SPC1	5	456	2055	2056	2060	2061	2062	2063
SPC1	4	234	163	164	153	154	155	156		5	456	2064	2065	2067	2068	2072	2073
SPC1	4	234	267	268	458	459			SPC1			2074	2075	2076	2077	2078	2080
SPC1	4	234	283	284	282	281	405		SPC1	5	456				2276	2280	2290
SPC1	5	4	3022						SPC1	5	456	2079	2114	2275		2088	2290
SPC1	5	456	251	256	261	262	266		SPC1	5	456	2081	2085	2086	2087	2088	
SPC1	5	456	1001	1002	1003	1004	1005	1006	SPC1	5	456	2094	2114	2121		2122	2121
SPC1	5	456	1007	1008	1010	1012	1014	1016	SPC1	5	456	2096	2097	2098	2099	2100	2101
SPC1	5	456	1018	1173	1174	1175	1176	1177	SPC1	5	456	2102	2103	2104	2105	2106	2107
SPC1	5	456	1019	THRU	1027				SPC1	5	456	2109	2109	2110	2111	2112	2113
SPC1	5	456	1029	1030	1032	1033	1038	1039	SPC1	5	456	2125	2126	2127			
SPC1	5	456	1031	1034	1037	1040	1045	1048	SPC1	5	456	2128	2129	2130	2131	2132	2133
SPCI	5	456	1044	1046	1047	1051	1052	1053	SPC1	5	456	2134	2135	2136	2137	2138	2139
SPC1	5	456	1054	1057	1066	1069	1079	1082	SPC1	5	456	2140	2141	2142			
SPC1	Š	456	1055	1056	1060	1061	1062	1063	SPC1	5	456	2143					
SPCI	Š	456	1064	1065	1067	1068	1072	1073	SPC1	5	456	2178	2179	2180	2194		
SPC1	5	456	1074	1075	1076	1077	1078	1080	SPCl	5	456	2181	THRU	2193			
SPC1	E .	456	1079	1114	1275	1276	1280	1290	SPC1	5	456	2242	2243	2244	2245		
SPC1	5	456	1081	1085	1086	1087	1088		SPCI	5	456	2251	THRU	2266			
	2	456	1094	1114	1121	1001	1000		SPC1	5	456	2292	2293	2464	2465	2466	2467
SPC1	5		1096	1097	1098	1099	1100	1101	SPC1	5	456	2501	THRU	2526			
SPC1	5	456		1103	1104	1105	1106	1107	SPCI	5	123456	701	702	703			
SPC1	5	456	1102			1111	1112	1113	SPCADD	ĭ	3	5					
SPC1	5	456	1108	1109	1110	1111	1117	1113	SPCADD	2	4	5					
SPC1	5	456	1125	1126	1127		1122	1112	SUPORT	42	156	-					
SPC1	5	456	1128	1129	1130	1131	1132 1138	1133 1139	ENDDATA		130						
SPC1	5	456	1134	1135	1136	1137	1139	1139	BINDUALA	•							
SPC1	5	456	1140	1141	1142				ı								

Appendix B. Structural Finite Element Data for Typical LCO Case

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ID LMTAS BLOCK 40 F-16 FLUTTER FEM TYPICAL LCO CASE
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361
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TITLE=F-16 1/2 AIRPLANE FINITE ELEMENT MODEL FOR FLUTTER ANALYSIS
SUBTI=ANTI-SYMMETRIC CENTERLINE BOUNDARY CONDITIONS // FULL XWING FUEL
LABEL=CONFIG 5 = MA41
DISP=ALL
ECHO-SORT
S DMIG VERTICAL TAIL STIFFNESS MATRIX
K20G=VTAIL
S RICHBUALIS EVERACTION
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  KZGG⊒VIAIL
$ EIGENVALUE EXTRACTION
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 FIGURE 1
$ SYMMETRIC B.C. / SPC=2 FOR ANTISYMMETRIC
SPC=2
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92
$ SET 203022=GRIDS USED IN FLUTTER ANALYSIS.
$ ADD GRIDS 801 THROUGH 814 FOR DYNAMIC RESPONSE.
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 SET 203022= 2,
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3018
      GENERATE BUT DO NOT PRINT-
EIGENVECTORS FOR FLUTTER ANALYSIS
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      PRINT-
A-SET EIGENVECTORS FOR INSPECTION
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371
  OUTPUT (PLOT)
   CSCALE=1.8
PAPER SIZE=26. BY 20.
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   S SET 10=ELEMENTS USED IN MODE PLOTS
  S FUSELAGE CENTERLINE
 SET 10= 1 THRU 26,
$ WING BOX
                     BOX

1001 THRU 1005,

1007,1010 THRU 1013,

1020,1023 THRU 1025,

1031,1034,1036,1043,1045,

1046,1049 THRU 1054,

1056 THRU 1062,

1071 THRU 1074,

1078,1079,1080,

1096 THRU 1090,

1099,1100,1101,

1075,1076,1077,

1081 THRU 1085,

1091 THRU 1097,

1102 THRU 1111,

1116 THRU 1125,
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 1126,1127,1128,

$ LEADING BODE FLAP, / 1258 ACTUATOR
1131 THRN 1134,
1136,1137,1138,
1140,1141,1142,
1144,1145,1146,
1148 THRU 1151,
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393
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1152 THRU 1171,

$ FLAPERON

1181 THRU 1185,

1187 THRU 1189,

1190 THRU 1194,

1196 THRU 1203,

1205 THRU 1207,

1209 THRU 1220,

1231 THRU 1238,
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 1231 THRU 1238,
1251 THRU 1258,
1261 THRU 1268,
$ HORIZONTAL TAIL
2001 THRU 2058,
$ VERTICAL TAIL
2401 THRU 2460,
$ 168200 // STATION 1,9
3003 THRU 3009,
$ AIM-9L // STATION 1,9
3014,3015
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MAXIMUM DEFORMATION 35.
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VIEW 60.0,30.,0.
FIND SCALE ORIGIN 10 SET 10
PLOT MODAL DEFO 0 SET 10 ORIGIN 10
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    BEGIN BULK
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CBEAM	3	3	267	154	1.	0.	0.	i	CBEAM 1025 CBEAM 1026	1025 1026	65 187	78 188	1.	0.	0. 0.	+1026BM
CBEAM CBEAM	5	4 5	154 155	155 156	1.	0. 0.	0. 0. 0.		CBEAM 1026 +1026BM 56 CBEAM 1027	1020	188	189	1.	0.	0.	
CBEAM CBEAM	6 7	6 7	268 36	36 42	1.	0. 0.	0.		CBEAM 1028 CBEAM 1029	1028	189 190	190 191	1.	0.	o. o.	
CBEAM CBEAM	8 9	8 9	42 50	50 437	1.	0.	0.		CBEAM 1031	1031	26 25	52 52	1.	0.	0.	
CBEAM CBEAM	10 11	10 11	437 59	59 4 31	1. 1.	0. 0.	0. 0.		CBEAM 1034	1034	52	64	1.	0.	0.	
CBEAM CBEAM	12 13	12 13	431 71	71 84	1. 1.	o. o.	0. 0.		CBEAM 1035 CBEAM 1036	1035 1036	64 64	245 77	1.	0.	0.	
CBEAM CBEAM	14 15	14 15	84 298	298 286	1. 1.	0. 0.	0. 0.		CBEAM 1037 CBEAM 1038	1037 1038	245 192	77 193	1.	0. 0.	0.	
CBEAM	16	16	286 117	117 285	1.	0. 1.	0.		CBEAM 1039 CBEAM 1040	1039 1040	193 63	63 245	1.	0. 0.	o. o.	
CBEAM CBEAM	17 18	17 18	285	283	1.	1.	0. 0.		CBEAM 1041 CBEAM 1043	1041	245 24	76 51	1.	0.	0. 0.	
CBEAM CBEAM	19 20	19 20	283 284	284 282	1.	1.	0.		CBEAM 1045 CBEAM 1046	1045 1046	23 51	51 62	1.	0. 0.	0.	
CBEAM CBEAM	21 22	21 22	282 281	281 405	1.	0.	0.		CBEAM 1047	1047	22 62	62 244	1.	0.	0.	
CBEAM CBEAM	31 32	31 32	36 42	35 41	1. 1.	1. 1.	0.		CBEAM 1048 CBEAM 1049	1048	244 75	75 88	1.	0. 0.	0. 0.	+1050BM
CBEAM CBEAM	33 34	33 34	50 59	49 58	1.	1. 1.	0. 0.		CBEAM 1050 CBEAM 1051	1050	21	61	1.	0.	0.	
CBEAM CBEAM	35 36	35 36	71 84	70 83	1. 1.	1. 1.	0. 0.		CBEAM 1052 CBEAM 1053	1052 1053	61 243	243 74	1.	0.	0.	+1053BM
CBEAM CBEAM	37 38	37 38	117 34	116 31	1. 1.	1. 1.	0. 0.		+1053BM CBEAM 1054	56 1054	74	87	1.	0.	0.	+1054BM
CBEAM	39	39	40 48	37 45	1.	1.	0.		CBEAM 1056 CBEAM 1057	1056 1057	20 60	60 242	1. 1.	0. 0.	0. 0.	
CBEAM	40	40	57	54	1.	î.	0. 0.		CBEAM 1058 +1058BM	1058 56	242	73	1.	0.	0.	+1058BM
CBEAM CBEAM	42 43	42 43	69 82	66 94	1.	1.	0.		CBEAM 1059	1059 1060	73 19	86 143	1. 1.	0.	0. 0.	+1059BM
CBEAM CBEAM	44 45	44 45	94 118	118 121	1.	1.	0.		CBEAM 1061	1061	143	72	1.	ŏ.	0. 0.	+1062BM
CBEAM CBEAM	46 47	46 47	115 79	79 120	1. 1.	1. 1.	0. 0.		CBEAM 1062 CBEAM 1071	1062 1071	72 33	85 32	0.	1.	0.	11002231
CBEAM CBEAM	48	48 49	120 31	114 37	1. 1.	1.	0. 0.	+49BM	CBEAM 1072 CBEAM 1073	1072 1073	32 30	30 181	0.	1.	0.	
+49BM CBEAM	46 50	50	37	45	1.	1.	0.		CBEAM 1074 CBEAM 1075	1074 1075	181 39	29 38	0. 0.	1. 1.	o. o.	
CBEAM CBEAM	51 52	51 52	45 54	54 66	1.	1.	0. 0.		CBEAM 1076 CBEAM 1077	1076 1077	38 182	182 29	0. 0.	1.	0. 0.	
CBEAM	53	53 456	66	121	1.	1.	0.	+53BM	CBEAM 1078 CBEAM 1079	1078 1079	29 27	27 187	0. 0.	1.	0. 0.	
+53BM CBEAM	54	54	121	114	1.	1.	0.	+54BM	CBEAM 1080 CBEAM 1081	1080 1081	187 47	26 46	0.	1.	0. 0.	
+54BM CBEAM	456 55	55	118	119	1.	1.	0.		CBEAM 1082 CBEAM 1083	1082 1083	46 183	183 44	0. 0.	1.	0.	
CBEAM CBEAM	56 57	56 57	119 94	120 79	1.	1.	0.		CBEAM 1084 CBEAM 1085	1084 1085	188	183 26	0.	1.	0. 0.	
CBEAM CBEAM	141 142	141 142	467 274	274 465	1.	1.	0.		CBEAM 1086	1086	26	25 192	0. 0.	1.	0. 0.	
CBEAM CBEAM	143 144	143 144	465 275	275 278	1.	1. 1.	0.		CBEAM 1087 CBEAM 1088	1087 1088	25 192	24	0.	1.	0. 0.	
CBEAM CBEAM	145 146	145 146	278 280	280 292	1. 1.	1. 1.	o. o.		CBEAM 1089 CBEAM 1090	1089 1090	24 23	23 22	0.	1.	0.	
CBEAM +147BM	147	147 456	292	114	1.	1.	0.	+147BM	CBEAM 1091 CBEAM 1092	1091 1092	56 55	55 184	0.	1.	0.	
CBEAM CBEAM	148 149	148 149	466 273	273 464	1.	1. 1.	0. 0.		CBEAM 1093 CBEAM 1094	1093 1094	184 53	53 189	o. o.	1.	0. 0.	
CBEAM	150	150	464 276	276 279	1.	1.	0.		CBEAM 1095 CBEAM 1096	1095 1096	189 52	52 193	0.	1. 1.	0. 0.	
CBEAM CBEAM	151 152	151 152	279	290 293	1.	1.	0. 0.		CBEAM 1097 CBEAM 1098	1097 1098	193 51	51 22	o. o.	1. 1.	0.	+1098BM
CBEAM	153 154	153 154	290 293	79	1.	i.	ö.	+154BM	+1098BM CBEAM 1099	56 1099	22	21	0.	1.	0.	
+154BM CBEAM	160	456 160	295	300	1.	1.	0.		CBEAM 1100 CBEAM 1101	1100 1101	21 20	20 19	0.	1.	0.	
CBEAM	161 162	161 162	117 300	300 79	1.	1.	0.		CBEAM 1102 CBEAM 1103	1102	68 67	67 185	0.	1.	0.	
CBEAM CBEAM	163 164	163 164	79 283	114 295	1.	1.	0.		CBEAM 1104 CBEAM 1105	1104 1105	185 65	65 190	0.	1.	0.	
CBEAM CBEAM	165 166	165 166	295 293	294 292	1. 1.	1.	0.		CBEAM 1106	1106	190	64 63	o.	1.	Ŏ. O.	
CBEAM CBEAM	167 168	167 168	282 290	291 280	1.	1.	0.		CBEAM 1107 CBEAM 1108	1107	64 63	62	o.	1.	0.	
CBEAM +169BM	169 456	169	279	271	1.	1.	0.	+169BM	CBEAM 1110	1109 1110	62 61	61 60	0. 0.	1.	0.	
CBEAM +170BM	170	170 56	271	278	1.	1.	0.	+170BM	CBEAM 1111 CBEAM 1112	1111	60 245	19 244	0.	1.	Ó.	
CBEAM	171 172	171 172	281 276	277 275	1.	1. 1.	0. 0.		CBEAM 1113 CBEAM 1114	1113	244 243	243 242	0. 0.	1.	0.	
CBEAM CBEAM	173 174	173 174	464 466	465 467	1. 1.	1. 1.	0. 0.		CBEAM 1115 CBEAM 1116	1115 1116	242 81	143 80	0. 0.	1.	0. 0.	
CBEAM +175BM	175 46	175	271	272	1.	1.	0.	+175BM	CBEAM 1117 CBEAM 1118	1117 1118	80 186	186 78	0.	1.	0.	
CBEAM CBEAM	176 177	176 177	273 241	241 299	1. 1.	1. 1.	0. 0.		CBEAM 1119 CBEAM 1120	1119 1120	78 191	191 77	0. 0.	1. 1.	o. o.	•
CBEAM CBEAM	178 179	178 179	299 272	272 274	1. 1.	1.	0. 0.		CBEAM 1121 CBEAM 1122	1121 1122	77 76	76 75	0. 0.	1.	0. 0.	
CBEAM	180 181	180 181	274 195	233 296	1.	1.	0.	+181BM	CBEAM 1123 CBEAM 1124	1123 1124	75 74	74 73	0. 0.	1. 1.	0. 0.	
+181BM	56	182	296	196	1.	1.	0.	+182BM	CBEAM 1125 CBEAM 1126	1125 1126	73 88	72 87	0.	1. 1.	0. 0.	+1126BM
CBEAM +182BM	182	56		39	1.	0.	0.		CBEAM 1127 CBEAM 1128	1127 1128	87 86	86 85	0. 0.	1. 1.	0. 0.	+1128BM
CBEAM CBEAM	1001 1002	1001	33 39	47	1.	٥.	0.		CBEAM 1131 CBEAM 1132	1131 1132	7	18 16	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	1003 1004	1003 1004	47 56	56 68	1.	o. o.	o. o.		CBEAM 1133	1133 1134	16 17	17 30	i. 1.	0. 0.	ŏ.	+BM1134
CBEAM CBEAM	1005 1007	1005 1007	68 32	81 38	1.	0.	o. o.		CBEAM 1134 +BM1134 5		176		1.	0.	0.	
CBEAM CBEAM	1009 1010	1009 1010	30 38	38 46	1.	0. 0.	o. o.		CBEAM 1135 CBEAM 1136	1135 1136	5	180 14	1.	0.	0.	
CBEAM CBEAM	1011 1012	1011 1012	46 55	55 67	1.	0. 0.	0. 0.		CBEAM 1137 CBEAM 1138	1137 1138	14 15	15 27	1.	0. 0.	0. 0.	+BM1138
CBEAM	1013	1013 1014	67 181	80 182	1.	0. 0.	0.		+BM1138 5 CBEAM 1139	1139	175	179	1.	0.	0.	
CBEAM	1015 1016	1015 1016	182 183	183 184	1.	0.	0.		CBEAM 1140 CBEAM 1141	1140 1141	4 12	12 13	1. 1.	0. 0.	0. 0.	
CBEAM	1016 1017 1018	1017 1018	184 185	185 186	1.	o. o.	0. 0.		CBEAM 1142 +BM1142 5	1142	13	25	1.	0.	0.	+BM1142
CBEAM	1020	1020 1022	29 27	44	1. 1.	0. 0.	0.		CBEAM 1143 CBEAM 1144	1143 1144	174 3	178 10	1. 1.	0. 0.	0. 0.	
CBEAM	1022	1023	44	53	1.	0.	0.		CBEAM 1145 CBEAM 1146	1145 1146	10 11	11 23	1.	0. 0.	0. 0.	+BM1146
CBEAM	1024	1024	53	65	1.	٧.	٧.		1110							

+BM1146 5	7	173	177	1.	0.	0.		+BM2008 CBEAM 2009	456 2009	253	508	1.	1.	0.	+BM2009
CBEAM 1147 CBEAM 1148	1147 1148	2	194	i.	Ö.	ŏ.		+BM2009 456			45.0		,	0.	
CBEAM 1149	1149	194	9	1.	0.	0.	+BM1150	CBEAM 2010 CBEAM 2011	2010 2011	508 258	258 519	1.	1. 1.	0.	
CBEAM 1150 +BM1150 5	1150	9	20	1.	0.	0.	+BM1130	CBEAM 2012	2012	519	263	1.	1.	Q.	+BM2012
CBEAM 1151	1151	1	В	1.	0.	0.	ł	+BM2012	456					0	+BM2013
CBEAM 1152	1152	6	7	1.	0.	0.		CBEAM 2013 +BM2013 456	2013	254	509	1.	1.	0.	+Bri2013
CBEAM 1153 CBEAM 1154	1153 1154	176 5	6 176	1.	0. 0.	0. 0.		CBEAM 2014	2014	509	259	1.	1.	0.	
CBEAM 1154 CBEAM 1155	1155	175	5	i.	ö.	o.	1	CBEAM 2015	2015	259	520	1.	1.	0.	+BM2016
CBEAM 1156	1156	4	175	1.	0.	0.	1	CBEAM 2016 +BM2016	2016 456	520	264	1.	1.	0.	TBM2010
CBEAM 1157	1157	174 3	4 174	1. 1.	0. 0.	0. 0.	ì	CBEAM 2017	2017	255	510	1.	1.	0.	+BM2017
CBEAM 1158 CBEAM 1159	1158 1159	173	3	1.	0.	0.		+BM2017 456							
CBEAM 1160	1160	2	173	1.	0.	0.		CBEAM 2018	2018	510 260	260 521	1.	1.	0. 0.	
CBEAM 1161	1161	1	2	1.	0.	0. 0.		CBEAM 2019 CBEAM 2020	2019 2020	521	265	1.	1.	0.	+BM2020
CBEAM 1162 CBEAM 1163	1162 1163	16 180	18 16	1.	0. 0.	0.		+BM2020	456						
CBEAM 1164	1164	14	180	1.	0.	0.		CBEAM 2021	2021	256	511	1.	1.	0.	+BM2021
CBEAM 1165	1165	179	14	1.	0.	0.		+BM2021 456 CBEAM 2022	2022	511	261	1.	1.	0.	+BM2022
CBEAM 1166	1166 1167	12 178	179 12	1.	o. o.	0. 0.	ļ	+BM2022	456			•			
CBEAM 1167 CBEAM 1168	1168	10	176	1.	ŏ.	o.		CBEAM 2023	2023	261	522	1.	1.	0.	+BM2023
CBEAM 1169	1169	177	10	1.	0.	0.		+BM2023 456 CBEAM 2024	2024	522	266	1.	1.	0.	+BM2024
CBEAM 1170	1170	194	177	1.	٥.	0. 0.	ĺ	CBEAM 2024 +BM2024	456	322	200	1.	••	٠.	
CBEAM 1171 CBEAM 1181	1171 1181	8 81	194 95	1.	0. 0.	0.	+BM1181	CBEAM 2031	2031	251	501	1.	1.	0.	+BM2031
CBEAM 1181 +BM1181	456	••					Į	+BM2031 456							
CBEAM 1182	1182	95	142	1.	0.	0.	!	CBEAM 2032 CBEAM 2033	2032 2033	501 252	252 502	1. 1.	1. 1.	0. 0.	
CBEAM 1183	1183	142 101	101 107	1.	0. 0.	0. 0.	1	CBEAM 2034	2034	502	253	ī.	1.	0.	
CBEAM 1184 CBEAM 1185	1184 1185	107	113	1.	0.	o.		CBEAM 2035	2035	253	503	1.	1.	0.	
CBEAM 1186	1186	93	141	1.	0.	0.	l	CBEAM 2036	2036	503	254	1.	1. 1.	0. 0.	
CBEAM 1187	1187	141	100	1.	0.	0.	1	CBEAM 2037 CBEAM 2038	2037 2038	254 504	504 255	1.	1.	0.	
CBEAM 1188	1188 1189	100 106	106 112	1.	0. 0.	0. 0.		CBEAM 2039	2039	255	505	1.	1.	0.	
CBEAM 1189 CBEAM 1190	1190	186	124	i.	õ.	ō.	+BM1190	CBEAM 2040	2040	505	256	1.	1.	0.	+BM2040
+BM1190	456					_		+BM2040	456	233	512	1.	1.	0.	
CBEAM 1191	1191	124	140	1.	0.	0. 0.		CBEAM 2041 CBEAM 2042	2041 2042	512	257	1.	1.	o.	
CBEAM 1192 CBEAM 1193	1192 1193	140 127	127 130	1.	0. 0.	0.		CBEAM 2043	2043	257	513	1.	1.	0.	
CBEAM 1193 CBEAM 1194	1194	130	133	1.	o.	0.		CBEAM 2044	2044	513	258	1.	1.	٥.	
CBEAM 1195	1195	92	139	1.	0.	0.		CBEAM 2045 CBEAM 2046	2045 2046	258 514	514 259	1.	1. 1.	0.	
CBEAM 1196	1196	139 99	99 105	1.	0. 0.	0. 0.		CBEAM 2046 CBEAM 2047	2047	259	515	1.	ī.	٥.	
CBEAM 1197 CBEAM 1198	1197 1198	105	111	1.	o.	0.		CBEAM 2048	2048	515	260	1.	1.	0.	
CBEAM 1199	1199	191	123	1.	0.	0.	+BM1199	CBEAM 2049	2049	260	516	1.	1. 1.	o. o.	+BM2050
+BM1199	456		120	,	0.	0.		CBEAM 2050 +BM2050	2050 456	516	261	1.		٧.	1212030
CBEAM 1200 CBEAM 1201	1200 1201	123 138	138 126	1. 1.	0.	0.		CBEAM 2051	2051	262	523	1.	1.	0.	+BM2051
CBEAM 1202	1202	126	129	1.	0.	0.		+BM2051 456			0.00			0.	
CBEAM 1203	1203	129	132	1.	٥.	0.	İ	CBEAM 2052 CBEAM 2053	2052 2053	523 263	263 524	1.	1. 1.	0.	
CBEAM 1204 CBEAM 1205	1204 1205	91 137	137 98	1. 1.	0. 0.	0.		CBEAM 2054	2054	524	264	1.	1.	0.	
CBEAM 1205 CBEAM 1206	1206	98	104	î.	õ.	o.		CBEAM 2055	2055	264	525	1.	1.	0.	
CBEAM 1207	1207	104	110	1.	0.	0.		CBEAM 2056	2056	525	265	1.	1.	0. 0.	
CBEAM 1208	1208	122	136	1.	0.	0. 0.		CBEAM 2057 CBEAM 2058	2057 2058	265 526	526 266	1.	1.	o.	+BM2058
CBEAM 1209 CBEAM 1210	1209 1210	136 125	125 128	1.	0. 0.	o.		+BM2058	456						
CBEAM 1211	1211	128	131	1.	õ.	o.		CBEAM 3026	3026	19	3020	0.	1.	0.	
CBEAM 1212	1212	76	90	1.	0.	0.	+BM1212	CBEAM 3027 CBEAM 3028	3027 3028	3016 3017	3021 3018	0. 1.	1. 0.	0. 0.	
+BM1212	456	90	135	1.	0.	0.		CBEAM 3029	3029	3018	3019	1.	o.	ō.	
CBEAM 1213 CBEAM 1214	1213 1214	135	97	1.	0.	0.		CBEAM 3030	3030	3019	3020	1.	0.	0.	
CBEAM 1215	1215	97	103	1.	0.	0.		CBEAM 3031	3031	3020 3021	3021 3022	1.	0. 0.	0. 0.	+3032
CBEAM 1216	1216	103	109	1.	0. 0.	0.		CBEAM 3032 +3032	3032 5	3021	3022	1.	٥.	٠.	13032
CBEAM 1217 CBEAM 1218	1217 1218	89 134	134 96	1.	0.	0.		CBEAM 3081	3081	21	3046	0.	0.	1.	+3081
CBEAM 1219	1219	96	102	1.	0.	0.		+3081 56		2246			•	,	+3082
CBEAM 1220	1220	102	103	1.	0. 0.	0. 0.		CBEAM 3082 +3082	3082 56	3046	61	0.	0.	1.	+3002
CBEAM 1231 CBEAM 1232	1231 1232	141	142 141	1. 1.	0.	0.		CBEAM 3083	3083	3046	3049	0.	1.	0.	+3083
CBEAM 1233	1233	139	140	1.	0.	0.		+3083	6					•	
CBEAM 1234	1234	138	139	1.	0.	0.		CBEAM 3084 CBEAM 3085	3083 3085	3049 3053	3054 3054	0. 0.	1. 0.	0. 1.	+3085
CBEAM 1235 CBEAM 1236	1235 1236	137 136	138 137	1. 1.	0. 0.	o. o.		+3085 56	3003	3033	3031	••			
CBEAM 1236 CBEAM 1237	1237	135	136	ī.	o.	õ.					3055	0.	0.	1.	+3086
CBEAM 1238	1238	134		1				CBEAM 3086	3085	3054	5055				+3087
CBEAM 1241 CBEAM 1242	4		135	1.	٥.	0.		+3086	56			0	1.	0.	
UDBAR 1242	1241	100	101	1.	0.	0.				3054 3047	3053	0.	1.	0.	13001
	1241 1242 1243							+3086 CBEAM 3087 +3087 CBEAM 3088	56 3087 6 3088	3047 3047	3053 3048	0.	0.	1.	13001
CBEAM 1243 CBEAM 1244	1242 1243 1244	100 127 99 126	101 100 127 99	1. 1. 1.	0. 0. 0.	0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089	56 3087 6 3088 3089	3047 3047 3048	3053 3048 3055	0. 0.	0. 1.	1. 0.	
CBEAM 1243 CBEAM 1244 CBEAM 1245	1242 1243 1244 1245	100 127 99 126 98	101 100 127 99 126	1. 1. 1. 1.	0. 0. 0. 0.	0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090	56 3087 6 3088	3047 3047	3053 3048	0.	0.	1.	+3090
CBEAM 1244 CBEAM 1244 CBEAM 1245 CBEAM 1246	1242 1243 1244 1245 1246	100 127 99 126 98 125	101 100 127 99 126 98	1. 1. 1. 1.	0. 0. 0.	0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089	56 3087 6 3088 3089	3047 3047 3048	3053 3048 3055	0. 0.	0. 1. 0.	1. 0.	
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247	1242 1243 1244 1245 1246 1247	100 127 99 126 98	101 100 127 99 126	1. 1. 1. 1.	0. 0. 0. 0.	0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3090 +3090 5 CBEAM 3091 CBEAM 3092	56 3087 6 3088 3089 3090 3091 3092	3047 3047 3048 3050 3051 3053	3053 3048 3055 3051 3053 3055	0. 0. 0.	0. 1. 0.	1. 0. 1.	+3090
CBEAM 1244 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1248 CBEAM 1251	1242 1243 1244 1245 1246 1247 1248 1251	100 127 99 126 98 125 97 96 106	101 100 127 99 126 98 125 97	1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 +3090 +3090 5 CBEAM 3091 CBEAM 3092 CBEAM 3093	56 3087 6 3088 3089 3090 3091 3092 3093	3047 3047 3048 3050 3051	3053 3048 3055 3051 3053	0. 0. 0.	0. 1. 0.	1. 0. 1.	
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251	1242 1243 1244 1245 1246 1247 1248 1251 1252	100 127 99 126 98 125 97 96 106 130	101 100 127 99 126 98 125 97 107	1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3089 CBEAM 3090 +3090 CBEAM 3091 CBEAM 3092 CBEAM 3093 +3093	56 3087 6 3088 3089 3090 3091 3092 3093 5	3047 3047 3048 3050 3051 3053 3055	3053 3048 3055 3051 3053 3055 3057	0. 0. 0.	0. 1. 0.	1. 0. 1.	+3090
CBEAM 1243 CBEAM 1244 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1248 CBEAM 1252 CBEAM 1252 CBEAM 1252	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253	100 127 99 126 98 125 97 96 106 130	101 100 127 99 126 98 125 97	1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0.		+3066 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3090 +3090 CBEAM 3091 CBEAM 3093 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3094 +3094 56	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094	3047 3047 3048 3050 3051 3053 3055 3050	3053 3048 3055 3051 3053 3055 3057 3053	0. 0. 0. 0. 0.	0. 1. 0. 0. 0.	1. 0. 1. 1. 1.	+3090 +3093
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1255	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255	100 127 99 126 98 125 97 96 106 130 105 129	101 100 127 99 126 98 125 97 107 106 130 105 129	1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3090 CBEAM 3090 CBEAM 3091 CBEAM 3092 CBEAM 3093 +3093 +3093 56EAM 3094 +3094 56CBEAM 3095	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095	3047 3048 3050 3051 3053 3055 3050 3053	3053 3048 3055 3051 3053 3055 3057 3053 3055	0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1.	+3090 +3093 +3094
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1253 CBEAM 1255 CBEAM 1255 CBEAM 1255	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256	100 127 99 126 98 125 97 96 106 130 105 129 104 128	101 100 127 99 126 98 125 97 107 106 130 105 129	1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3090 CBEAM 3091 CBEAM 3093 CBEAM 3093 CBEAM 3093 CBEAM 3094 +3094 56 CBEAM 3095 CBEAM 3095 CBEAM 3095	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095 3096	3047 3047 3048 3050 3051 3053 3055 3050	3053 3048 3055 3051 3053 3055 3057 3053	0. 0. 0. 0. 0.	0. 1. 0. 0. 0.	1. 0. 1. 1. 1.	+3090 +3093
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1247 CBEAM 1247 CBEAM 1247 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1257	100 127 99 126 98 125 97 96 106 130 105 129 104 128	101 100 127 99 126 98 125 97 107 106 130 105 129	1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3095 CBEAM 3091 CBEAM 3093 +3093 CBEAM 3094 +3094 56 CBEAM 3095 CBEAM 3096 +3096 CBEAM 3096 +3096 CBEAM 3097	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095	3047 3048 3050 3051 3053 3055 3050 3053	3053 3048 3055 3051 3053 3055 3057 3053 3055	0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1.	+3090 +3093 +3094
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1253 CBEAM 1255 CBEAM 1255 CBEAM 1255	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256	100 127 99 126 98 125 97 106 130 105 129 104 128 103	101 100 127 99 126 98 125 97 107 106 130 105 129 104 128 103 113	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 +3090 CBEAM 3092 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095	56 3087 6 3088 3089 3090 3091 3092 3093 53094 3095 3096 56 3097	3047 3048 3050 3051 3053 3055 3050 3053 3055 3050	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057 3059	0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1252 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255	1242 1243 1244 1245 1246 1247 1252 1253 1254 1255 1256 1257 1256 1261 1261	100 127 99 126 98 125 97 96 105 129 104 128 103 102 112	101 100 127 99 126 98 125 97 107 106 130 105 128 103 113	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0.		+3086 CBEAM 3087 CBEAM 3088 CBEAM 3090 CBEAM 3090 CBEAM 3091 CBEAM 3093 +3093 CBEAM 3094 +3094 56 CBEAM 3095	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56	3047 3048 3050 3051 3053 3055 3050 3053 3055	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057	0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1.	+3090 +3093 +3094 +3096
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1252 CBEAM 1252 CBEAM 1253 CBEAM 1254 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1261 CBEAM 1261 CBEAM 1261 CBEAM 1261	1242 1243 1244 1245 1246 1247 1251 1252 1253 1254 1255 1256 1257 1258 1261 1262	100 127 99 126 98 125 97 96 106 130 105 129 104 128 103 102 112	101 100 127 99 126 98 125 97 106 130 105 129 104 128 103 113 113	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3099 CBEAM 3091 CBEAM 3092 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 +3096 CBEAM 3095 CBEAM 3095 +3096 CBEAM 3097 +3097 46 CBEAM 3097 +3097 46 CBEAM 3098	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098	3047 3048 3050 3051 3053 3055 3050 3053 3055 3050	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057 3059	0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256	1242 1243 1244 1245 1246 1247 1252 1253 1254 1255 1256 1257 1256 1261 1261	100 127 99 126 98 125 97 96 105 129 104 128 103 102 112	101 100 127 99 126 98 125 97 107 106 130 105 128 103 113	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3099 CBEAM 3091 CBEAM 3092 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 +3096 CBEAM 3095 +3096 CBEAM 3095 +3096 CBEAM 3097 +3097 46 CBEAM 3099	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098	3047 3047 3048 3050 3051 3053 3055 3050 3053 3055 3050 3051 3057	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057 3059 3061 3062	0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1. 1. 0.	+3090 +3093 +3094 +3096 +3097 +3098
CBEAM 1243 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1262 CBEAM 1262 CBEAM 1262 CBEAM 1262 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1257 1261 1262 1263 1264 1263 1264	100 127 99 126 98 125 97 96 106 130 105 104 128 103 102 112 133 111 132 110	101 100 127 99 126 98 125 97 107 105 129 104 128 103 113 112 123 111 132	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3090 +3090 CBEAM 3092 CBEAM 3093 +3093 +3093 +3093 +3093 -3095 CBEAM 3096 +3096 CBEAM 3096 CBEAM 3096 +3096 CBEAM 3099 +3097 46 CBEAM 3099 +3099 +3099 +3099 +3099	56 3087 6 3088 3090 3090 3091 3092 3093 5 3094 3095 56 3097 3098 3099	3047 3047 3048 3050 3051 3053 3055 3050 3053 3055 3050 3051 3057 3058	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057 3061 3062 3059	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1. 1. 0. 0. 0. 1.	+3090 +3093 +3094 +3096 +3097 +3098
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266	1242 1243 1224 12245 12246 12247 12253 1255 1255 1256 1257 1258 1261 1262 1263 1264 1265 1265 1265	100 127 99 126 98 125 97 96 106 130 105 129 104 128 103 112 133 111 132 110	101 100 127 99 125 98 125 97 107 106 130 128 103 113 112 131 132 131	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3090 +3090 +3090 CBEAM 3091 CBEAM 3092 CBEAM 3093 CBEAM 3093 CBEAM 3094 +3094 +3094 +3094 +3096 CBEAM 3097 +3097 46 CBEAM 3099 +	56 3087 6 3088 3090 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3099	3047 3047 3048 3050 3051 3053 3055 3050 3053 3055 3050 3051 3057 3058 3059	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057 3059 3061 3062	0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0.	1. 0. 1. 1. 1. 1. 1. 0.	+3090 +3093 +3094 +3096 +3097 +3098
CBEAM 1243 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1266	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1257 1268 1261 1262 1263 1264 1265 1266 1267	100 127 99 126 98 125 97 106 130 102 103 102 112 133 111 132 131 108	101 100 127 99 126 98 125 107 108 130 105 129 104 128 103 113 1112 133 1111 1312 130 1319	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	+BM2001	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3090 +3090 5082 CBEAM 3091 CBEAM 3092 CBEAM 3093 CBEAM 3093 CBEAM 3094 +3094 +3094 +3094 +3096 CBEAM 3096 CBEAM 3096 +3098	56 3087 6088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3100 3100 3100 3100	3047 3047 3048 3050 3051 3053 3055 3050 3053 3055 3050 3051 3057 3058 3059 3061	3053 3048 3055 3051 3053 3057 3053 3057 3059 3061 3062 3060 3060 3061	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1.	1. 0. 1. 1. 1. 1. 1. 0. 0.	+3090 +3093 +3094 +3096 +3097 +3098 +3099
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1261 1262 1263 1264 1265 1263 1264 1265 1266 1267 1268 1268 1268 1268	100 127 99 126 98 125 97 96 100 105 129 103 102 112 112 113 111 131 101 108 251	101 100 127 99 126 98 125 97 106 130 105 129 104 128 103 113 113 113 111 130 109 506	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2001	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 +3090 CBEAM 3092 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3097 +3097 +3097 +3097 +3097 46 CBEAM 3100 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101	56 3088 3089 3090 3091 3092 3093 5 3094 3095 3097 3098 3099 3100 3100	3047 3048 3050 3051 3055 3050 3055 3050 3055 3050 3051 3057 3058 3058 3059 3060	3053 3048 3055 3051 3053 3055 3057 3053 3055 3057 3061 3062 3059 3060	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1.	1. 0. 1. 1. 1. 1. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097 +3098
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1252 CBEAM 1252 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1267 CBEAM 1266 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1267 CBEAM 1268 CBEAM 1267 CBEAM 1268 CBEAM 1267 CBEAM 1268 CBEAM 1267 CBEAM 1268 CBEAM 1267 CBEAM 1268	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1261 1262 1263 1264 1265 1267 1267 1268	100 127 99 126 98 125 97 96 100 103 102 110 113 110 113 110 113 110 113 110 113 110 113 110 113 110 113 113	101 100 127 99 126 98 125 97 107 108 130 108 129 104 128 103 112 112 111 112 110 131 106	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	+BM2001	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3090 CBEAM 3090 CBEAM 3091 CBEAM 3093 +3090 CBEAM 3093 +3091 56 CBEAM 3094 +3094 56 CBEAM 3095 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3096 -3006 CBEAM 3096 -3006 CBEAM 3096 -3006 CBEAM 3096 -3006 CBEAM 3098 -3008 -3008 -3008 -3008 -3009	56 3087 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3100 3100 3100 3100 3391	3047 3048 3050 3051 3055 3050 3055 3050 3055 3050 3051 3057 3058 3059 3061 29	3053 3048 3055 3051 3053 3057 3057 3057 3059 3061 3062 3059 3060 3061 3062 3196	0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1.	1. 0. 1. 1. 1. 1. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097 +3098 +3099
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1263 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 2001 CBEAM 2001 CBEAM 2003	1242 1243 1244 1245 1246 1227 1248 1251 1252 1253 1254 1255 1266 1267 1263 1263 1264 1265 1266 1267 1268 2001 2002	100 127 99 126 98 125 97 106 130 102 112 113 111 132 110 131 131 132 110 131 131 132 133 131 132 133 133 134 135 136 137 138 138 138 138 138 138 138 138 138 138	100 100 127 99 126 98 125 97 106 130 105 129 128 103 113 113 113 110 130 131 130 130 131 130 130	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 +3090 CBEAM 3092 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3097 +3097 +3097 +3097 +3097 46 CBEAM 3100 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3101	56 3087 6088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3100 3100 3100 3100	3047 3047 3048 3050 3051 3053 3055 3050 3053 3055 3050 3051 3057 3058 3059 3061	3053 3048 3055 3051 3053 3057 3053 3055 3057 3059 3061 3062 3059 3060 3061 3062	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.	1. 0. 1. 1. 1. 1. 0. 0. 0.	+3090 +3093 +3094 +3096 +3097 +3098 +3099 +3391 +3392
CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1253 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 1265 CBEAM 2001 +8H2001 456 CBEAM 2002 CBEAM 2002 CBEAM 2002 CBEAM 2002 CBEAM 2002	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1261 1262 1263 1264 1265 1267 1267 1268	100 127 99 126 98 125 97 96 100 103 102 110 113 110 113 110 113 110 113 110 113 110 113 110 113 110 113 113	101 100 127 99 126 98 125 97 107 108 130 108 129 104 128 103 112 112 111 112 110 131 106	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2004	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3098 CBEAM 3099 CBEAM 3091 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 CBEAM 3095 CBEAM 3096 CBEAM 3096 CBEAM 3096 CBEAM 3097 +3097 +3097 46 CBEAM 3099 13099	56 3087 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3099 3100 3100 3100 3391	3047 3048 3050 3051 3055 3050 3055 3050 3055 3050 3051 3057 3058 3059 3061 29	3053 3048 3055 3051 3053 3057 3057 3057 3059 3061 3062 3059 3060 3061 3062 3196	0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1.	1. 0. 1. 1. 1. 1. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097 +3098 +3099
CBEAM 1243 CBEAM 1244 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 1258 CBEAM 2002 CBEAM 2002 CBEAM 2002 CBEAM 2002 CBEAM 2002 CBEAM 2002 CBEAM 2004 -BM2004 BM2004	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1255 1256 1257 1262 1263 1264 1265 1267 1268 2001 2002 2003 2004	100 127 99 126 98 125 97 106 130 102 112 113 111 132 110 131 131 132 110 131 131 132 133 131 132 133 133 134 135 136 137 138 138 138 138 138 138 138 138 138 138	100 100 127 99 126 98 125 97 106 130 105 129 128 103 113 113 113 110 130 131 130 130 131 130 130	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0		+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 CBEAM 3091 CBEAM 3093 +3093 +3093 +3093 +3093 CBEAM 3096 +3096 CBEAM 3096 +3096 CBEAM 3096 CBEAM 3096 +3101 CBEAM 3099 +3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3102 CBEAM 3102 CBEAM 3102 CBEAM 3102 CBEAM 3103 CBEAM	56 3087 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3100 3100 3100 3100 3191 3391 456 3391	3047 3048 3050 3051 3053 3055 3050 3055 3050 3051 3057 3058 3059 3060 3061 29 3196	3053 3048 3055 3051 3053 3057 3053 3057 3059 3061 3062 3059 3060 3061 3062 3196 182 3197	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0.	1. 0. 1. 1. 1. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097 +3098 +3099 +3391 +3392 +3393
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1267 CBEAM 2000 CBEAM 2005 CBEAM 2005	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1266 1267 1262 1263 1264 1265 1266 2001 2002 2003 2004	100 127 99 126 98 127 96 106 130 105 129 104 128 103 111 133 111 133 111 133 115 105 107 108 109 108 109 109 109 109 109 109 109 109 109 109	100 100 127 99 126 98 125 97 107 106 130 105 129 120 133 113 113 113 113 113 113 113 115 106 137 137 147 157 157 157 157 157 157 157 157 157 15	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2004	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3099 CBEAM 3099 CBEAM 3091 CBEAM 3093 +3093 CBEAM 3093 +3093 CBEAM 3095 CBEAM 3095 +3096 CBEAM 3096 +3096 CBEAM 3097 +3097 46 CBEAM 3099 +3099 -3099 +3099 -30	56 3087 6 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 3097 3098 3100 3100 3100 3100 3101 3391 456 3391	3047 3048 3050 3051 3053 3055 3050 3055 3050 3051 3057 3057 3058 3059 3060 3061 29	3053 3048 3055 3051 3053 3057 3053 3057 3059 3061 3062 3059 3060 3061 3062 3196	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0.	1. 0. 1. 1. 1. 1. 0. 0. 0.	+3090 +3093 +3094 +3096 +3097 +3098 +3099 +3391 +3392 +3393 +3394
CBEAM 1243 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1247 CBEAM 1253 CBEAM 1253 CBEAM 1253 CBEAM 1255 CBEAM 2001 CBEAM 2002 CBEAM 2004 +BM2004 -BEAM 2005	1242 1243 1244 1245 1246 1227 1248 1251 1252 1253 1254 1255 1256 1267 1262 1263 1264 1265 1266 1267 1268 2001 2003 2004 456 2005	100 127 99 126 98 125 97 96 106 130 128 103 102 112 113 113 110 109 125 127 120 128 133 111 129 120 120 120 120 120 120 120 120 120 120	101 100 127 99 126 98 125 97 106 130 105 129 104 128 103 111 113 111 131 110 131 110 131 155 170 180 180 180 180 180 180 180 180 180 18	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2004	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 CBEAM 3091 CBEAM 3093 +3093 +3093 +3093 +3093 CBEAM 3096 +3096 CBEAM 3096 +3096 CBEAM 3096 CBEAM 3096 +3101 CBEAM 3099 +3101 CBEAM 3101 CBEAM 3101 CBEAM 3101 CBEAM 3102 CBEAM 3102 CBEAM 3102 CBEAM 3102 CBEAM 3103 CBEAM	56 3087 3088 3089 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3100 3100 3100 3100 3191 3391 456 3391	3047 3048 3050 3051 3053 3055 3050 3055 3050 3051 3057 3058 3059 3060 3061 29 3196	3053 3048 3055 3051 3053 3057 3053 3057 3059 3061 3062 3059 3060 3061 3062 3196 182 3197	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0.	1. 0. 1. 1. 1. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097 +3098 +3099 +3391 +3392 +3393
CBEAM 1243 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1267 CBEAM 2000 CBEAM 2005 CBEAM 2005	1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1266 1267 1262 1263 1264 1265 1266 2001 2002 2003 2004	100 127 99 126 98 127 96 106 130 105 129 104 128 103 111 133 111 133 111 133 115 105 107 108 109 108 109 109 109 109 109 109 109 109 109 109	100 100 127 99 126 98 125 97 107 106 130 105 129 120 133 113 113 113 113 113 113 113 115 106 137 137 147 157 157 157 157 157 157 157 157 157 15	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2004	+3086 CBEAM 3087 +3087 CBEAM 3088 CBEAM 3089 CBEAM 3090 CBEAM 3091 CBEAM 3093 +3093 +3093 +3093 +3093 +3093 +3093 -3095 CBEAM 3095 +3098 +3109 -1000 CBEAM 3099 +3109 +3109 +3109 -3101 CBEAM 3100 CBE	56 3088 3089 3099 3090 3091 3092 3093 5 3094 3095 3096 56 3097 3098 3100 3100 3100 3100 3101 3191 456 3191	3047 3048 3050 3051 3053 3055 3050 3053 3055 3050 3051 3057 3058 3059 3060 3061 29 3196 182 3197	3053 3048 3055 3051 3053 3057 3053 3057 3059 3061 3062 3059 3061 3062 3196 182 3197 38	0. 0. 0. 0. 0. 0. 0.	0. 1. 0. 0. 0. 0. 0. 1. 1. 0. 0. 0. 0.	1. 0. 1. 1. 1. 0. 0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	+3090 +3093 +3094 +3096 +3097 +3098 +3099 +3391 +3392 +3393 +3394

							,	+3396	+342	1.6				
CBEAM +3396	3396	3391 456	3198	183	0.	0.	1.	1	CONM1	343	87	0		+343
CBEAM +3397	3397 456	3391	183	3199	0.	0.	1.	+3397	+343 CONM1	1.8 344	88	0		+344
CBEAM	3398	3391 456	3199	46	0.	0.	1.	+3398	+344 CONM1	1. 345	6	0		+345
+3398 CBEAM	3399	3391	3198	3200	0.	0.	1.		+345 CONM1	12.03 346	17	0		+346
CBEAM	3400 3401	3391 3391	3200 3199	3196 3202	Q. Q.	0. 0.	1. 1.	1	+346	57.78				+347
CBEAM CBEAM	3402 3403	3391 3391	3202 3200	3197 3201	0. 0.	0. 0.	1. 1.	+3403	CONM1 +347	347 10.08	5	0		
+3403	5		3201	3202	0.	0.	1.	+3404	CONM1 +348	348 42.72	15	0		+348
CBEAM +3404	3404	3391 5							CONM1 +349	349 6.92	4	0		+349
CBEAM CBEAM	3405 3406	3405 3405	3203 3204	3204 3205	0. 0.	0. 0.	1.		CONM1	350	13	0		+350
CBEAM +3407	3407	3407 6	3204	3206	0.	1.	0.	+3407	+350 CONM1	27.67 351	3	0		+351
CBEAM	3408	3407	3206	3207	0.	1. 0.	0. 1.		+351 CONM1	5.17 352	11	0		+352
CBEAM CBEAM	3409 3410	3409 3409	3207 3209	3208 3212	0.	1.	0.		+352	27.65	2	0		+353
CBEAM CBEAM	3411 3412	3405 3409	3210 3211	3211 3212	0. 0.	0. 0.	1. 1.		COMM1 +353	353 4.08				+354
CBEAM	3413 5002	3405 5002	3212 153	3213 267	0. 1.	0. 0.	1. 0.		CONM1 +354	354 3.71	9	0		
CBEAM	5051	5051	156	458	1.	0.	0.		CONM1 +355	355 9.133	95	0		+355
CBEAM CBEAM	5052 5053	5052 5053	458 459	459 268	1.	0. 0.	0.		CONM1	356	107	0		+356
CELAS2 CELAS2	61 62	36.6E6 71.0E6	34 40	5 5	35 41	5 5			+356 CONM1	6.765 357	113	0		+357
CELAS2 CELAS2	63 64	94.1E6 132.4E6	48	5 5	49 58	5 5			+357 CONM1	.022 358	93	0		+358
CELAS2	65	110.056	69	5	70	5			+358 CONM1	10.32 359	106	0		+359
CELAS2 CELAS2	66 67	51.7E6 5.0E6	115	5 5	83 116	5 5			+359	10.12				+360
CELAS2 CELAS2	191 192	11.25E6 22.0E6		5 5	276 290	5 5			CONM1 +360	360 .149	112	0		
CELAS2	193	9.68E6 156610.	294	5 3	293 195	5 3			CONM1 +361	361 5.816	124	0		+361
CELAS2 CELAS2	194 195	67829.	284	3	196	3			CONM1 +362	362 7.986	130	0		+362
CELAS2 CELAS2	1172 1173	5650000 5590000	.15	4	30 27	4			CONMI	363	133	0		+363
	1174 1175	2030000		4	25 23	4 4			+363 CONM1	.998 364	92	0		+364
CELAS2 CELAS2	1221 1222	3307000 268300.		4	141 140	4			+364 CONM1	4.56 365	105	0		+365
CELAS2	1223	137300.	140	į	139	į			+365 CONM1	6.797 366	111	0		+366
CELAS2 CELAS2	1224 1225	105200. 85600.	138	i	138 137	4			+366	.952	123	0		+367
CELAS2 CELAS2	1226 1227	69900. 57700.		4	136 135	4			+367	367 3.296				+368
CELAS2 CELAS2	1228 1229	40000. 6229750	135	4	134 119	4			CONM1 +368	368 4.727	129	0		
CELAS2	3104	193.E6	3046	4	3054 3207	4			CONM1 +369	369 .647	132	0		+369
CELAS2 CELAS2	3414 3415	1515.E5	3212	4	3208	4			CONM1	370 2.069	91	0		+370
CELAS2 CELAS2	3416 3417	580.4E5		6 6	3207 3209	6 6			+370 CONM1	371	104	0		+371
CELAS2 CONM1	3418 301	732.68		5	3209	5		+301	+371 CONM1	3.014 372	110	0		+372
+301	9.565		0					+302	+372 CONM1	.477 373	122	0		+373
CONM1 +302	302 6.770	72						+303	+373 CONM1	1.784 374	128	0		+374
CONM1 +303	303 7.972	20	0						+374	2.632		0		+375
CONM1 +304	304 10.110	60	0					+304	CONM1 +375	375 .435	131			
CONM1 +305	305 7.755	73	0					+305	CONM1 +376	376 1.644	90	0		+376
CONMI	306	21	0					+306	CONM1 +377	377 2.354	103	0		+377
+306 CONM1	13.712 307	61	0					+307	CONM1	378 .272	109	0		+378
+307 CONM1	20.285 308	74	0					+308	+378 CONM1	379	89	0		+379
+30B CONM1	9.982 309	51	0					+309	+379 COMM1	.651 380	102	0		+380
+309	32.156	62	0					+310	+380 CONM1	1.075 381	108	0		+381
CONM1 +310	310 25.281							+311	+381 CONM1	.284 391	163	0		+391
CONM1 +311	311 14.285	75	0						+391	314.21		0		+392
CONM1 +312	312 42.942	26	0					+312	CONM1 +392	392 463.77	153			
CONM1 +313	313 57.288	52	0					+313	CONM1 +393	393 870.68	154	0		+393
CONM1	314	64	0					+314	CONM1 +394	394 1299.38	155	0		+394
+314 CONM1	46.648 315	77	0					+315	COMM1	395 1545.78	156	0		+395
+315 CONM1	20.983 316	29	0					+316	+395 CONM1	396	42	0		+396
+316 CONM1	60.677 317	44	0					+317	+396 CONM1	1799.25 397	71	0		+397
+317	80.964		0					+318	+397 CONM1	1412.77 398	286	0		+398
CONM1 +318	318 74.861	53	•					+319	+398 CONM1	893.77 399	284	0		+399
CONM1 +319	319 56.266	65	0						+399	335.19		0		+400
CONM1 +320	320 28.341	78	0					+320	CONM1 +400	400 708.33	281			
CONM1 +321	321 37.854	33	0					+321	CONM1 CONM1	401 402	163 153	0	314.21 463.77	
CONM1	322	39	0					+322	CONM1 CONM1	403 404	154 155	0	870.68 1299.38	
+322 CONM1	99.621 323	47	0					+323	CONM1	405	156	0	1545.78 2036.16	
+323 CONM1	105.244 324	56	0					+324	CONM1 CONM1	406 407	42 71	ō	2468.11	
+324 CONM1	95.811 325	68	0					+325	CONM1	408 409	286 284	0	893.77 311.29	
+325	83.620		0					+326	CONM1 CONM1	410 411	281 153	0	796.72	+411
CONM1 +326	326 33.148	81							+411		119126.			+411A
CONM1 +341	341 .6	85	0					+341	+411A CONM1	412	154	0		+412 +412A
CONM1	342	86	0					+342	+412					T112N

							ı	CONMI	3118	3049	0			25.4			
+412A CONM1	413	498740. 155	0				+413	CONM1 +3119	3119 46.57	3050	ō	46.57					+3119
+413 +413A		233410.					+413A	CONM1	3120	3053	0	9.79					+3120
CONM1 +414	414	156	0				+414 +414A	+3120 CONM1	-2.91 3121	3054	0			67.50			
+414A		865169.					+415	CONM1 +3122	3122 23.84	3057	0	23.84					+3122
CONM1 +415	415	42	0				+415A	CONM1	3427 208.0	3204	0		125.E3				+3427
+415A CONM1	416	1051483 71					+416	+3427 CONM1	3428	3206	0		123.53	208.			12420
+416			_				+416A	CONM1 +3429	3429	3207	0	208.0					+3429 +3429A
+416A CONM1	417	1042917 286	0				+417	+3429A CONM1	3430	3210	0	.01			1	25.E3	+40430
+417 +417A		556929.					+417A	+40430	.01								+40431
CONM1	418	284	0				+418 +418A	CONM1 +40431	3431 229.3	3211	0	229.3	561149.				+40431A
+418 +418A		756147.					+430	+40431A CONM1		32000. 3212	0			231.3	5	61149.	
CONM1 +430	430 -82.94	195	0				1	CONM1	3433	3213	ő	2.0					+40433
CONM1 +431	431	296	0		3803477.		+431	CONM2	2.0 3501	3500		502.	0.	0.	0.		+000001
CONM1	432	296	0				+432	++00000 CONM2	1648549. 3504	.2 3501	8160.8	138.	0.	649152.0	0.		+000002 +000003
+432 CONM1	2073.44 433	42	0		12204.0			++00000	366538.0	272	6769.7 233	2		62828.60 16.0875)		+000004
CONM1 +434	434	437	0				+434 +434A	CONROD	2201	233	1233	2	.0001	10.0073			
+434A CONM1	435	281	0			19.7E6	+435	CONROD	2202 2203	233 251	2233 1251	2	.0001				
+435	433	201	•			945062.	+435A	CONROD	2204 2205	251 252	2251 1252	2	.0001				
+435A CONM1	436	410	0			945002.	+436	CONROD	2206	252	2252	2	.0001				
+436 +436A		502624.					+436A	CONROD	2207 2208	253 253	1253 2253	2	.0001				
CONM1	437	410	0				+437 +437A	CONROD	2209 2210	254 254	1254 2254	2	.0001				
+437 +437A						3604069		CONROD	2211	255 255	1255 2255	2	.0001				
CONM1 CONM1	438 446	410 251	0	1990.5			+446	CONROD	2212 2213	256	1256	2	.0001				
+446	4.65	252	0				+447	CONROD	2214 2215	256 257	2256 1257	2	.0001				
CONM1 +447	5.123						ļ	CONROD	2216 2217	257 258	2257 1258	2 2	.0001				
CONM1 +448	448 4.812	253	0				+448	CONROD	2218	258	2258	2	.0001				
CONM1 +449	449 3.069	254	0				+449	CONROD	2219 2220	259 259	1259 2259	2 2	.0001				
CONM1	450	255	0				+450	CONROD	2221	260 260	1260 2260	2	.0001				
+450 CONM1	1.73 451	256	0				+451	CONROD	2223	261	1261	2	.0001				
+451 CONMI	2.547 452	233	0				+452	CONROD	2224 2225	261 262	2261 1262	2	.0001				
+452	176.302		0				+453	CONROD	2226 2227	262 263	2262 1263	2	.0001				
CONM1 +453	453 31.053						+454	CONROD	2228 2229	263 264	2263 1264	2	.0001				
CONM1 +454	454 17.674	258	0				1	CONROD	2230	264	2264	2	.0001				
CONM1 +455	455 11.742	259	0				+455	CONROD	2231 2232	265 265	1265 2265	2	.0001				
CONM1	456	260	0				+456	CONROD	2233 2234	266 266	1266 2266	2	.0001				
+456 CONM1	7.391 457	261	0				+457	CONROD	3033 3034	3018 3020	3020 3022	2		20. 20.			
+457 CONMI	2.877 458	262	0				+458	CORD1R	5	701	702	703					4 CORD 2 3
+458 CONMI	3.675 459	263	0				+459	CORD2C • CORD3A			0 -143.39	8002	-63.574 -351.53		-294.247 0.		*CORD3A +CORD3B
+459	3.064		0				+460	+CORD3E CORD2R	-63.574 1	4 -294.24 0		3 -293.22	70.	-62.153	-293.2271	00.	*CORD1
CONM1 +460	460 2.838	264					+461	*CORD1 CORD2R	19.0920	002	-234.92 -41.5	23915 -378.02	0.	-41.5	-379.02 1	00.	*CORD7
CONM1 +461	461 2.73	265	0				l l	*CORD7	57.2946	6361	-362.54	103399	0.				
CONM1 +462	462 .976	266	0				+462	CQUAD4 CQUAD4	601 602	601 602	1033 1039	1039 1047	1038 1046	1032 1038			
CONM1	501	407 409	0	18.24 24.64				CQUAD4 CQUAD4	603 604	603 604	1047 1056	1056 1068	1055 1067	1046 1055			
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-.903472E+04
0.507642E+05
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*9010
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-.131707E+02
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-.504458E+04
0.468148E+05
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0.841453E+02
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  CQUAD8
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0.363626E+00
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0.170371E+02
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*VTAIL
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  CQUAD8
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CSHEAR
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0.334950E+05
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*9029
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-.179730E+02
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  CSHEAR
                                                              1040
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1057
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1054
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		_	2000207102	+9034	+9138	358	1	0.349061E+04	*9139
*9033 *9034		1	308830E+03 0.163581E+04	+9035	+9139	359	1	272521E+05	*9140
+9035	363	1	934300E+04	*9036	*9140 *9141	360 361	1	0.153243E+04 0.667605E+03	*9141 *9142
*9036 DMIG		1 367	0.133364E+05 1	+9037	+9142	362	1	7408845+01	*9143
+9037	357	1	0.156429E+04	*9038 *9039	*9143 *9144	363 364	1	243058E+02 0.583973E+00	*9144 *9145
*9038 *9039		1	126722E+05 249630E+02	+9040	*9145	367	1	0.194037E+04	*9146
+9040	360	1	0.252357E+03	+9041	*9146 *9147	368 369	1	0.129929E+04 0.235053E+04	*9147 *9148
+9041		1	0.220342E+02 348368E+01	*9042 *9043	*9148	370	1	0.756407E+03	+9149
*9042 *9043		i	0.213553%-02	+9044	*9149	371	1	0.771059E+02 600606E+00	*9150 *9151
+9044		1	0.287588E+00 0.573159E+05	*9045	*9150 *9151	372 373	1	0.1977808+01	+9152
≯9045 DMIG		368	1	*9046	*9152	375	1	311505E+05 0.109246E+06	*9153
*9046	357	1	0.150006E+03 349447E+04	*9047 *9048	*9153 DMIG	376 *VTAIL	1 377	1	*9154
*9047 *9048		1	184666E+05	+9049	*9154	357	1	0.317443E+03	*9155 *9156
+9049	360	1	597411E+03	*9050 *9051	*9155 *9156	358 359	1	0.219380E+04 0.208271E+04	•9157
*9050 *9051		1	0.413201E+03 489800E+02	+9052	*9157	360	1	279276E+05	*9158 *9159
+9052	363	1	271009E+00	*9053 *9054	*9158 *9159	361 362	1	0.110103E+04 0.550257E+03	*9159 *9160
+9053 +9054		1	202789E+01 502776E+04	+9055	+9160	363	1	0.811533E+02	*9161
•9055	368	1	0.246725E+05	40056	*9161 *9162	364 367	1	211053E+00 0.716540E+03	*9162 *9163
DMIG *9056		369 1	1 0.292477E+03	*9056 *9057	÷9163	368	1	0.171546E+04	*9164
+9057		1	0.106678E+04	+9058	*9164	369	1	0.884905E+03 0.158823E+04	*9165 *9166
+9058		1	372974E+04 163066E+05	*9059 *9060	*9165 *9166	370 371	1	0.561757E+03	*9167
*9059 *9060		1	720338E+03	+9061	*9167	372	1	0.690199E+02 0.714289E+01	*9168 *9169
*9061		1	0.400484E+03 0.516836E+00	*9062 *9063	*9168 *9169	373 375	1	0.363833E+04	*9170
*9062 *9063		1	141972E+02	+9064	*9170	376	1	187741E+05	*9171
•9064	367	1	0.245134E+03	*9065 *9066	*9171 DMIG	377 *VTAIL	1 378	0.775901E+05 1	*9172
*9065 *9066		1	625047E+04 0.208907E+05	- 9000	*9172	357	1	110646E+02	+9173
DMIG	*VTAIL	370	1	+9067	+9173 +9174	358 359	1	0.133390E+03 0.711357E+03	*9174 *9175
+9067 +9068		1	0.109520E+02 429165E+02	*9068 *9069	+9175	360	i	0.202839E+04	*9176
+9069		1	0.371999E+03	+9070	*9176	361	1	261682E+05 0.139574E+04	*9177 *9178
+9070	360	1	238343E+04 147446E+05	*9071 *9072	*9177 *9178	362 363	1	0.872899E+03	•9179
*9071 *9072		1	0.690143E+03	+9073	+9179	364	1	0.177372E+03	*9180 *9181
*9073	363	1	0.723676E+03	*9074 *9075	*9180 *9181	367 368	1	0.741269E+02 0.487425E+03	+9182
*9074 *9075	364 367	1	0.244021E+02 574195E+02	* 9076	*9182	369	1	0.121023E+04	*9183
+9076	368	1	0.416297E+03	*9077 *9078	*9183 *9184	370 371	1	0.188910E+04 0.140030E+04	*9184 *9185
*9077 *9078	369 370	1	416404E+04 0.182966E+05	-9070	*9185	372	1	0.265625E+03	+9186
DMIG	*VTAIL	371	1	+9079	*9186 *9187	373 375	1	0.127903E+03 234087E+03	*9187 *9188
*9079 *9080		1	319898E+00 105520E+02	*9080 *9081	*9188	376	1	0.178520E+04	*9189
+9081	358 359	1	0.537074E+02	+ 9082	*9189	377	1	113866E+05 0.701957E+05	*9190
•9082	360	1	0.115046E+03 455381E+03	*9083 *9084	*9190 DMIG	378 *VTAIL	1 379	1	*9191
*9083 *9084	361 362	1	131301E+05	* 9085	*9191	357	1	0.555097E+00	*9192
*9085	363	1	0.208463E+04	*9086 *9087	*9192 *9193	358 359	1	383492E+02 0.749947E+02	*9193 *9194
+9086 +9087	364 367	1	271005E+03 0.123231E+02	+9088	*9194	360	1	0.542347E+03	*9195
+9088	368	1	234544E+03	*9089 *9090	+9195 +9196	361 362	1	0.295398E+04 156110E+05	*9196 *9197
*9089 *9090	369 370	1	0.874696E+03 744486E+04	+9091	+9197	363	1	0.237945E+03	*9198
*9091	371	1	0.300624E+05	40000	*9198 *9199	364 367	1	0.100000E+04 853152E+01	*9199 *9200
DMIG *9092	*VTAIL 357	372 1	1 0.463602E+00	*9092 *9093	+9200	368	1	0.224612E+02	*9201
+9093	358	1	677371E+01	+9094	*9201	369 370	1	0.450535E+03 0.123586E+04	*9202 *9203
*909\$ *9095	359 360	1	134083E+02 0.577641E+02	*9095 *9096	*9202 *9203	371	1	0.192022E+04	*9204
•9096	361	1	0.669330E+02	*9097	*9204	372 373	1	0.747017E+03 0.679657E+03	*9205 *9206
*9097 *9098	362 363	1	+.915742E+03 544593E+04	*9098 *9099	*9205 *9206	375	1	0.693183£+02	•9207
+9099	364	i	0.116824E+04	+9100	+9207	376	1	525747E+03 0.193872E+04	*9208 *9209
*9100 *9101	367 368	1	794538E+01 0.789193E+02	*9101 *9102	*9208 *9209	377 378	1	143803E+05	•9210
+9102	369	i	316023E+03	*9103	*9210	379	1	0.2597168+05	*9211
*9103 *9104	370 371	1	0.187626E+04 192798E+05	*9104 *9105	DMIG *9211	*VTAIL 357	380 1	1 681648E-01	*9212
+9105	372	1	0.276338E+05		+9212	358	1	0.121017E+01 388187E+01	*9213 *9214
DMIG *9106	*VTAIL 357	373 1	1 0.484957E-02	*9106 *9107	*9213 *9214	359 360	1	0.424170E+02	*9215
*9107	358	1	0.440965E+00	*9108	+9215	361	1	0.491571E+03 0.156462E+04	*9216 *9217
+9108	359	1	691597E+00 875753E+00	*9109 *9110	*9216 *9217	362 363	1	188062E+05	+9218
*9109 *9110	360 361	1	0.363362E+02	*9111	*9218	364	1	2226635+04	*9219 *9220
*9111	362	1	0.411035E+01 163347E+04	*9112 *9113	*9219 *9220	367 368	1	0.511802E+00 337087E+01	+9221
*9112 *9113	363 364	1	258823E+04	+9114	*9221	369	i	0.222733E+02	*9222
+9114	367	1	0.345739E+00	*9115 *9116	*9222 *9223	370 371	1	0.254233E+03 0.570111E+03	*9223 *922 4
*9115 *9116	368 369	1	422117E+01 0.101714E+02	+9117	+9224	372	1	0.211878E+04	+9225
*9117	370	1	633944E+02	*9118 *9119	*9225 *9226	373 375	1	0.303574E+03 236553E+02	*9226 *9227
*9118 *9119	371 372	1	0.270474E+04 730833E+04	*9120	+9227	376	1	0.872011E+02	+9228
*9120	373	i	0.7031318+04		÷9228	377 378	1	2260998+03 0.236420E+04	*9229 *9230
DMIG •9121	*VTAIL 357	375 1	1 230046E+04	*9121 *9122	*9229 *9230	379	1	100636E+05	+9231
+9122	358	1	497159E+05	*9123	*9231	380	1 381	0.832375E+05 1	•9232
*9123 *0124	359 360	1	0.157355E+04 0.126726E+04	*9124 *9125	DMIG *9232	*VTAIL 357	1	215496E-02	*9233
*9124 *9125	360 361	1	0.195618£+03	*9126	+9233	358	1	127980E+00	•9234 •9235
+9126	362	1	247898E+02 0.635440B+01	*9127 *9128	*9234 *9235	359 360	1	670087E+00 448327E+01	+9236
*9127 *9128	363 364	1	784751E+00	*9129	+9236	361	1	502647E+02	•9237
+9129	367	1	0.378804E+03	*9130 *9131	*9237 *9238	362 363	1	0.467089E+02 0.163977E+04	*9238 *9239
*9130 *9131	368 369	1	142639E+04 0.123205E+04	÷9132	+9239	364	1	-,479445E+04	*9240
+9132	370	1	0.216183E+03	+9133	*9240 *9241	367 368	1 1	110671E+00 0.669332E+00	*9241 *9242
*9133 *9134	371 372	1	467290E+02 0.428324E+01	*913 4 *9135	*9241	368 369	1	571058E+01	*9243
+9135	373	1	914807E+00	+9136	+9243	370	1	182164E+02 460481E+02	*9244 *9245
*9136 DMIG	375 *VTAIL	1 376	0.925573E+06 1	*9137	*9244 *9245	371 372	1	0.878765E+02	*9246
*9137	357	1	0.922286E+03	+9138	+9246	373	1	0.449404E+03	*9247

*9247	375	1	0.842499E+01	+9248	+9356	361	1	0.6067198+04	*9357 *0350
+9248	376		320128E+02	•9249	+9357		1	0.281741E+03	*9358 *9359
+9249	377		0.773381E+02	+9250	+9358		1	0.117268E+03	+9360
+9250		l	617478E+03	+9251	+9359		1	0.195964E+02	+9361
+9251		1	0.3790358+04	+9252	+9360	367	1	452626E+00 0.496996E+02	*9362
+9252	380	1	113558E+05	+9253	*9361	368	1	0.3529658+03	+9363
+9253		1	0.131793E+05		+9362		1	142282E+03	+9364
DMIG	*VTAIL	382	1	+9254	• 9363		1	0.322191E+03	9365
+9254	357	1	211797E-02	+9255	*9364		1	0.8542196+02	+9366
+9255		1	0.1967758-01	•9256	*9365	372	1	0.1601925+02	+9367
*9256	359	1	154809E+00	•9257	•9366		1	0.3237176+03	÷9368
+9257	360	1	0.8352192+00	+9258	+9367		1	318383E+02	+9369
•9258		1	0.461861E+01	+9259	+9368	376	1	4205868+03	•9370
*9259		1	0.1800995+02	+9260	+9369	377		314870E+05	+9371
+9260	363	1	0.393001E+02	*9261	*9370		1	689858E+03	*9372
+9261	364	1	0.813303E+03	*9262	*9371		1	0.423422E+01	+9373
+9262	367	1	0.352611E-02	+9263	•9372			0.1028976+02	+9374
+9263	368	1	218807E-01	+9264	+9373		1	0.527408E+00	•9375
*9264		1	0.135616E+00	*9265	+9374	382	1	0.337155E-01	* 9376
*9265	370	1	0.447717E+01	*9266	+9375	383	1	0.643374E+03	+9377
+9266	371	1	0.122064E+02	+9267	+9376	384	1	357044E+04	+9378
*9267		1	0.882424E+01	*9268	*9377		1	0.322247E+05	- 3310
*9268	373	1	479232E+02	* 9269	+9378	386	1	1	•9379
+9269	375	1	0.117696E+00	+9270	DMIG	*VTAIL	387	338835E+00	+9380
+9270	376	1	551862E+00	*9271	+9379	357	1	546516E-01	*9381
+9271	377	1	0.991771E+00	+9272	+9380	358	1	0.188194E+00	+9382
÷9272	378	1	439420E+01	+9273	*9381	359	1	0.399533E-01	+9383
•9273	379	1	139387E+03	*9274	*9382	360	1	0.777587E-02	+9384
+9274		1	0.164894E+04	+9275	*9383 *0384	361	1	905881E-03	+9385
+9275	381	1	475810E+03	*9276	+9384	362	1	0.475235E-04	*9386
*9276		1	0.179643E+04	10077	≯9385	363 364	1	0.368288E-04	+9387
DMIG		383	1	*9277 *0070	*9386 *9387	367	1	149039E-01	*9388
•9277		1	0.311274E-03	*9278 *0270		367 368	1	0.885053E-01	*9389
*9278		1	479934E-02	*9279 *0380	+9388		1	0.672132E-01	*9390
•9279		1	0.182106E-01	*9280	+9389	369 370	1	0.462911E-02	•9391
•9280		1	183852E+00	+9281	*9390 *0301	370 371	1	849053E-03	+9392
+9281		I	116182E+01	*9282	*9391			0.795566E-04	+9393
+9282		1	255904E+01	+9283	*9392 *0303	372	1	0.977434E-05	+9394
*9283		1	0.112750E+01	+9284	+9393	373		960622E+02	+9395
*9284		1	3586225+02	*9285 *0306	*9394 *9395	375 376	1	0.984160E+00	+9396
*9285		1	179107E-02	*9286 *0387		376 377	1	0.481161E-01	+9397
+9286		1	0.109064E-01	+9287	*9396 *0397	378	1	891686E-03	+9398
*9287		1	797350B-01	*9288 *9289	*9397 *9398	378	1	753510E-03	+9399
+9288		1	865236E+00		+9399	380	i	204675E-04	+9400
•9289		1	258086E+01	*9290 *9291	*9400	381	i	0.508574E-05	*9401
*9290		1	318473E+01	+9292	+9401	382	ī	608804E-07	*9402
•9291		1	249386E+01 0.754849E-01	+9293	+9402	383	1	0.551832E-07	+9403
+9292		1	271080E+00	*9294	+9403	384	1	178513E+03	*9404
+9293		1 1	0.7034425+00	+9295	+9404	385	1	0.105938E+04	9405
*9294 *9295		1	611849E+01	+9296	+9405	386	1	419783E+04	*9406
*9295		1	0.611220E+02	+9297	+9406	387	1	0.497765E+04	
•9297		î	0.131850E+04	+9298	DMIG	*VTAIL	388	1	*9407
+9298		ī	653645E+03	+9299	*9407	357	1	0.396140E-01	*9408
+9299		ī	643881E+03	+9300	÷9408	358	1	883404E-01	• 9409
+9300		1	0.830302E+03	I	*9409	359	1	0.845446E+00	*9410 *9411
DMIG		384	1	+9 301	*9410	360	1	468879E+01	+9412
+9301		1	0.265363E+05	+9302	*9411	361	1	0.502871E+02	+9413
+9302	358	1	0.282354E+05	+9303	*9412	362	1	0.250159E+03	+9414
+9303	359	1	948610E+04	+9304	+9413	363	1	0.874634E+04 0.134833E+04	*9415
+9304		1	2193146+04	+9305	*9414	364	1		+9416
*9305		1	475010E+03	•9306	*9415	367	1	0.310222E-01 236734E+00	+9417
+9306		1	0.553337E+02	+9307	*9416 *9417	368	1	0.235626E+01	+9418
+9307		1	0.194540E+01	+9308	+9418	369 370	i	0.161871E+02	+9419
+9308		1	384202E+01	*9309 *9310	+9419	371	ī	0.211136E+02	*9420
*9309		1	0.284832E+04	*9311	+9420	372	i	961292E+03	+9421
*9310		1	116448E+04	+9312	*9421	373	ī	0.278446E+03	*9422
+9311		1	338989E+04	*9313	+9422	375	î	0.1029058+02	+9423
+9312		1	157428E+03	+9314	+9423	376	ī	286084E+01	+9424
*9313		1	0.485381E+02 926415E+01	+9315	+9424	377	ī	0.459790E+01	+9425
*9314		1	122039E+01	+9316	+9425	378	ī	225652E+02	*9426
*9315		1	569831E+06	*9317	+9426	379	ī	362756E+03	+9427
+9316		1	948471E+05	+9318	+9427	380	ī	513037E+05	+9428
+9317		1	370924E+04	+9319	+9428	381	ī	124016E+04	*9429
*9318 *0310		1	157310E+03	*9320	+9429	382	i	303660E+04	+9430
+9319			0.1110698+03	+9321	+9430	383	1	859051E+03	+9431
*9320 *9321		1	182484E+02	*9322	+9431	384	ī	0.185899E+02	+9432
		î	0.664130E+01	* 9323	*9432	385	1	106061E+03	•9433
*9322 *9323		1	0.9918428-01	+9324	+9433	386	1	0.590076E+03	+9434
+9323		1	0.5937785-01	+9325	+9434	387	1	160275E+04	•9435
+9324		1	0.149748E+07		+9435	388	1	0.483130E+05	
DMIG		385	1	+9326	DMIG	*VTAIL	389	1	•9436
+9326		1	0.710800E+01	+9327	+9436	357	1	0.103213E+02	+9437
+9327		i	0.285959E+03	* 9328	+9437	358	1	0.166475E+01	*9438
+9328		i	443238E+03	+9329	*9438	359	1	573260E+01	*9439
+9329		ī	0.490161E+04	+9330	+9439	360	1	121702E+01	+9440
+9330		1	323369E+03	+9331	*9440	361	1	236861E+00	*9441
+9331		1	0.898562E+02	*9332	+9441	362	1	0.275941E-01	+9442
+9332		1	795076E+01	+9333	*9442	363	1	144762E-02	*9443
+9333	364	1	40666E+01	+9334	+9443	364	1	112184E-02 0.453988E+00	*9444 *9445
+9334		1	0.952642E+02	+9335	+9444	367	1		+9446
+9335		1	0.2561488+03	+9336	+9445	368	1	269597E+01	+9447
+9336		1	0.903557E+03	*9337 *0330	+9446 +9447	369 370	1	204739E+01 141008E+00	+9448
+9337		1	0.597779E+03	+9338	*9448	371	1	0.258631E-01	+9449
+9338		1	0.124134E+03	+9339 +9340	*9449	372	1	242338E-02	+9450
+9339		1	470681E+01 - 373270E+00	*9341	+9450	372	1	297737E-03	+9451
+9340		1	373270E+00 139221E+04	+9342	+9451	375	ī	0.292616E+04	*9452
+9341		1	419624E+03	+9343	+9452	376	ī	299786E+02	*9453
*9342 *9343		1	351213E+05	+9344	+9453	377	1	146567E+01	*9454
+9343	377	1	580778E+03	+9345	+9454	378	1	0.271617E-01	+9455
+9344	378	1	0.515640E+02	+9346	+9455	379	1	0.229527E-01	*9456
+9346		î	0.268160E+01	+9347	+9456	380	1	0.623463E-03	• 9457
*9347		ī	203257E+01	+9348	+9457	381	1	154917E-03	+9458
*9348	382	ī	981071E-01	+9349	+9458	382	1	0.185448E-05	*9459 *0460
+9349	383	ī	714582E-02	*9350	*9159	383	1	168094E-05	*9460 *9461
•9350		1	269212E+04	*9351	+9460	384	1	237751B+04	*9461 *9462
•9351	385	1	0.349451E+05		*9461	385	I	0.187243E+04 0.147890E+03	+9463
DMIG	*VTAIL	386	1	*9352 *0353	*9462	386	1	0.147890E+03 464456E+02	*9464
•9352	357	1	0.106815E+00	*9353 *9354	*9463 *9464	387 388	1	0.4639558+01	+9465
+9353	358	1	224760E+02 0.196095E+03	*9354 *9355	*9465	389	i	0.507054E+04	
+9354	359	1	359483E+03	*9356	DMIG	*VTAIL	390	1	*9466
+9355	360	1							

				1		272	,	0.126076E+02	+9542
*9466	•••	1	0.243494E+04 408017E+04	*9467 *9468	*9541 *9542	379 380	1	261081E+01	+9543
*9467 *9468		1	0.137165E+04	+9469	*9543	381	1	0.555171E+00	+9544
+9469	389	1	414326E+04	+9470	+9544 +9545	382 383	1	0.415987E-02 0.517604E-02	*9545 *9546
+9470		1 391	0.591447E+04	+9471	*9545 *9546	384	1	0.106276E+05	+9547
DMIG *9471	*VTAIL 385	1	0.137165E+04	+9472	*9547	385	1	226352B+02	+9548
+9472	386	1	273356E+04	+9473	*9548 *9549	386 387	1	0.519700E+02 0.257476E+00	*9549 *9550
+9473		1	0.123460E+04 0.729919E+02	*9474 *9475	+9549	388	1	0.673053B+00	+9551
*9474 *9475		i	160803E+04	+9476	*9551	389	1	784298E+01	*9552
+9476	391	1	0.320895E+04	*****	*9552 *9553	406 407	1 5	0.131935E+05 0.195301E+08	+9553
DMIG	*VTAIL	392	1 0,123460E+04	*9477 *9478	DMIG	+VTAIL	408	1	+9587
+9477 +9478		1	183606E+04	+9479	+9587	357	1	0.744264E+03	*9588
•9479	388	1	0.532735E+03	*9480	*9588 *9589	358 359	1	0.120044E+03 413376E+03	+9589 +9590
*9480		1	270690E+02 0.120338E+03	*9481 *9482	+9590	360	1	877589E+02	÷9591
*9481 *9482		1	161773E+04	*9483	+9591	361	1	170800E+02	*9592
•9483	392	1	0.207529E+04	+9484	*9592 *9593	362 363	1	0.198980E+01 104387E+00	*9593 *9594
DMIG +9484	*VTAIL 387	393 1	1 0.571031E+03	+9485	+9594	364	1	808958E-01	+9595
+9485		1	673689E+03	+9486	+9595	367	1	0.327369E+02	*9596 *9597
*9486		1	0.223540E+01	*9487 *9488	*9596 *9597	368 369	1	194405E+03 147636E+03	*9598
*9487 *9488		1	993771E+01 0.711305E+02	+9489	+9598	370	ī	101680E+02	*9599
+9489		î	482110E+03	+9490	+9599	371	1	0.186498E+01	*9600 *9601
*9490	••	1	0.521340E+03	+9491	*9600 *9601	372 373	1	174749E+00 214697E-01	+9602
DMIG *9491	*VTAIL 357	406 1	173625E+05	+9492	+9602	375	1	0.211004E+06	*9603
•9492		î	280045E+04	+9493	*9603	376 377	1	216175E+04 105689E+03	*9604 *9605
*9493		1	0.964342E+04 0.204728E+04	*9494 *9495	+9604 +9605	377	1	0.195862E+01	+9606
*9494 *9495		1	0.398450E+03	•9496	+9606	379	1	0.165511E+01	+9607
•9496	362	1	464190E+02	•9497	*9607	380	1	0.449577E-01 111710E-01	*9608 *9609
+9497		1	0.243519E+01 0.188718E+01	*9498 *9499	*9608 *9609	381 382	1	0.133726E-03	+9610
*9498 *9499	364 367	1	763702E+03	+9500	+9610	383	1	121212E-03	*9611
+9500	368	1	0.453518E+04	*9501	+9611	384	1	0.418267E+05 0.214221E+03	*9612 *9613
*9501	369	1	0.344413E+04 0.237204E+03	+9502 +9503	*9612 *9613	385 386	1	4454928+02	+9614
*9502 *9503	370 371	1	435070E+02	+9504	*9614	387	1	0.145153E+02	*9615
+9504	372	1	0.407663E+01	+9505	*9615 *9616	388 389	1	144600E+01 442150E+03	*9616 *9617
*9505	373 375	1	0.500855E+00 443406E+06	+9506 +9507	+9617	406	1	361694E+06	+9618
*9506 *9507		1	0.504302E+05	+9508	*9618	407	5	565555E+03	*9619 *9620
•9508		1	0.246556E+04	*9509 *9510	*9619 *9620	407 408	1	0.834648E+02 0.109547E+06	- 9020
*9509 *9510	378 379	1	456917E+02 386113E+02	+9511	DMIG	*VTAIL	409	1	•9656
+9511	380	1	104880E+01	*9512	*9656	357	1	262206E+05 103588E+04	*9657 *9658
*9512		1	0.260603E+00	+9513 +9514	+9657 +9658	358 359	1	0.214164E+04	+9659
*9513 *9514	382 383	1	311963E-02 0.282769E-02	+9515	+9659	360	1	0.293531E+03	9660
*9515	384	ī	968350E+06	+9516	*9660	361	1	0,269486E+02 242846E+01	*9661 *9662
•9516	385	1	0.197004E+04 358031E+03	*9517 *9518	*9661 *9662	362 363	1	0.525678E-01	+9663
*9517 *9518	386 387	1	0.100278E+03	+9519	*9663	364	ī	0.172746E+00	+9664
+9519	388	1	101088E+02	+9520	+9664	367 368	1	0.323348E+04 0.215706E+04	*9665 *9666
*9520 *9521	389 406	1	3054578+04 0.176490E+07	*9521	*9665 *9666	369	1	0.5039796+03	+9667
DMIG	*VTAIL	407	1	*9554	+9667	370	1	0.246870E+02	*9668
•9554	357	1	911903E+05	*9555 *9556	*9668 *9669	371 372	1	255333E+01 0.824261E+00	*9669 *9670
*9555 *9556	358 359	1	0.728130E+04 0.231467E+03	*9557	+9670	373	1	0.127325E-01	*9671
+9557	360	î	841305E+02	*9 558	*9671	375	1	458756E+05	*9672 *9673
+9558		1	0.529257E+01 984070E+00	+9559 +9560	*9672 *9673	376 377	1	0.207304E+03 0.280582E+02	•9674
+9559 +9560	362 363	1	0.155806E+00	+9561	+9674	378	1	203789E+02	+9675
*9561	364	1	0.153670E-01	*9562	*9675	379	1	339806E+01 120555E+00	*9676 *9677
+9562	367	1	501667E+05 0.663999E+03	*9563 *9564	+9676 +9677	380 381	1	0.4201448-01	*9678
*9563 *9564	368 369	1	918211E+02	+9565	+9678	382	1	0.823926E-04	+9679
+9565	370	1	938795E+00	*9566 *0567	*9679 *9680	383 384	1	0.4149726-03 0.520328E+05	*9680 *9681
*9566 *9567	371 372	1	0.891667E+00 955200E+00	*9567 *9568	*9681	385	1	0.124228E+01	+9682
*9568	373	1	0.604210E-01	+ 9569	*9682	386	1	178476E+01	+9683
+9569	375	1	290253E+04	*9570 *9571	+9683 +9684	387 388	1	785608E+00 0.666356E-01	*9684 *9685
*9570 *9571	376 377	1	0.464443E+03 0.589231E+02	*9572	+9685	389	ī	0.239304E+02	+9686
+9572	378	ī	0.925670E+00	*9573	+9686	406	1	402560E+05	*9687 *9688
+9573	379	1	0.568770E+00 965196E-01	*9574 *9575	*9687 *9688	407 407	5 1	0.438355E+05 0.785184E+04	*9689
+9574 +9575	380 381	1	0.253072E-01	*9576	+9689	408	1	0.172562E+04	•9690
+9576	382	1	0.225246E-03	+9577	+9690	409 409	5 1	0.179613E+06 0.431661E+05	*9691
•9577	383	1	0.233053E-03 0.675815E+04	*9578 *9579	*9691 DMIG	*VTAIL	409	5	+9621
*957B *9579	384 385	1	939438E+00	+9580	*9621	357	1	108056E+06	*9622
+9580	386	1	0.715953E+00	+9581	+9622	358	1	369272E+04 168866E+05	*9623 *9624
*9581 *9582	387 388	1	379983E-01 0.102725E-01	*9582 *9583	*9623 *9624	359 360	1	236393E+04	•9625
+9583	389	i	0.1157478+01	+9584	+9625	361	1	229630E+03	*9626
+9584	406	1	194711E+04	*9585 *0586	*9626 *9627	362 363	1	0.221145E+02 744120E+00	*9627 *9628
*9585 *9586	407 407	5 1	0.676867E+06 0.122983E+06	+9 586	+9628	364	1	145670E+01	•9629
DMIG	*VTAIL	407	5	+9522	+9629	367	1	615575E+04	*9630 *9631
*9522	357	1	0.191080E+06 356714E+05	*9523 *9524	*9630 *9631	368 369	1	153980E+05 392419E+04	*9632
+9523 +9524	358 359	1	280960E+05	* 9525	* 9632	370	1	182427E+03	*9633
•9525	360	1	1602708+04	* 9526	*9633	371	1	0.179957E+02 376324E+01	*9634 *9635
*9526 *9527	361 362	1	918511E+02 156290E+02	*9527 *9528	*9634 *9635	372 373	1	241942E+00	+9636
*9528	362 363	1	0.105740E+02	+9529	+9636	375	1	145521E+06	*9637 *9638
+9529	364	1	110634E+01	+9530 +9531	*9637 *9638	376 377	1	194645E+04 813680E+03	*9638 *9639
*9530 *9531	367 368	1	804513E+06 532051E+05	*9531 *9532	+9639	378	1	0.145115E+03	+9640
+9531	369	1	187041E+04	+9533	+9640	379	1	0.267615E+02	*9641 *9642
*9533	370	1	364230E+03	*9534 *9535	*9641 *9642	380 381	1 1	0.128482E+01 454159E+00	*9642 *9643
*9534 *9535	371 372	1	0.204481E+03 111039E+03	*9535 *9536	*9643	382	1	347133E-02	+9644
+9536	373	1	0.574412E+01	*9537	+9644	383	1	417601E-02 - 184705E+06	*9645 *9646
*9537	375	1	181739E+05	*9538 *9539	*9645 *9646	384 385	1	184205E+06 595504E+02	+9647
+9538 +9539	376 377	1	0.814804E+04 0.725627E+02	+9540	+9647	386	1	0.172236E+02	+9648
+9540	378	ī	0.203894E+03	+9541	+9648	387	1	0.503546E+01	*9649

+9649	388			.432889E+00	+9650	GRID	108	0	-139.738-404.997.000 0	
+9650	389			.153385E+03	*9651	GRID GRID	109 110	0	-128.703-404.537.000 0 -108.954-403.714.000 0	
*9651	406			.258026E+06 .882856E+05	*9652 *9653	GRID	111	0	-83.248 -402.642.000 0	
*9652 *9653	407 407			.627816E+05	+9654	GRID	112	Ö	-53.000 -401.381.000 0	
+9654	408			.110606E+05	*9655	GRID	113	0	-41.500 -400.902.000 0	
+9655	409		5 0.	.437083E+07		GRID	114	0	-41.500 -417.400.000 0 -25.500 -417.400.000 0	
EIGR	1	MGIV	0. 30.		+EIG1	GRID GRID	115 116	0	-25.500 -417.400.000 0	
+EIG1 GRID	MAX 1	5	-136.6059.331 .0	000 0		GRID	117	Ö	.000 -417.40 .000 0	
GRID	2	5		000 0		GRID	118	0	-39.431 -373.800.000 0	
GRID	3	5		000 0		GRID	119	0	-38.792 -377.878.000 7 -32.600 -417.400.000 0	
GRID	4	5		000 0 000 0		GRID GRID	120 121	Ď	-41.500 -373.800.000 0	
GRID	5	5 5		000 0 000 0		GRID	122	ō	-120.926-390.747.000 0	
GRID GRID	6 7	5		000 0		GRID	123	0	-101.524-387.707.000 0	
GRID	8	5		000 0	l	GRID	124	0	-70.415 -382.833.000 0 -120.235-395.153.000 0	
GRID	9	0	-170.615~371.062.0	000 5 000 0	[GRID GRID	125 126	0	-100.719-392.843.000 0	
GRID GRID	10 11	5 0	-100.7503.353 .0 -145.429-352.988.0			GRID	127	Ö	-69.427 -389.140.000 0	j
GRID	12	5		000 0		GRID	128	0	-119.530-399.653.000 0	
GRID	13	0	-125.118-338.412.0			GRID	129	0	-99.898 -398.082.000 0 -68.420 -395.564.000 0	
GRID	14	5		000 0 000 5	ſ	GRID GRID	130 131	0	-118.830-404.125.000 0	
GRID GRID	15 16	0 5	-96.682 -318.006.0	000 0		GRID	132	ō	-99.081 -403.302.000 0	
GRID	17	ő	-63.574 -294.247.0			GRID	133	0	-67.414 -401.982.000 0	
GRID	18	5	14.758 4.143 .0		ľ	GRID	134	0	-139.738-394.695.000 7 -130.473-393.243.000 7	
GRID	19	0	-180.000-381.378.0			GRID GRID	135 136	0	-120.773-391.723.000 7	
GRID	20 21	0	-168.385-374.169.0 -157.000-366.154.0			GRID	137	ŏ	-111.071-390.203.000 7	7
GRID GRID	22	ŏ	-147.640-359.565.0		1	GRID	138	0	-101.371-388.683.000 7	
GRID	23	0	-143.035-356.324.0	000 1	İ	GRID	139	0	-85.817 -386.246.000 7 -70.262 -383.809.000 7	
GRID	24	0	-139.738-354.003.0			GRID GRID	140 141	0	-70.262 -383.809.000 7 -53.000 -381.104.000 7	
GRID	25 26	0	-122.591-341.932.0 -120.000-340.108.0			GRID	142	ŏ	-41.500 -379.302.000 7	
GRID GRID	27	Ŏ	-93.970 -321.785.0			GRID	143	0	-180.000-389.378.000 0	
GRID	29	ō	-86.000 -316.174.0	000 0		GRID	153	0	.000 -100.00 .000 0	
GRID	30	0	-60.647 -298.327.0			GRID GRID	154 155	0	.000 -160.00 .000 0 .000 -200.00 .000 0	
GRID	31	0	-41.500 -293.800.0 -54.216 -293.800.0		I	GRID	156	0	.000 -252.50 .000 0	
GRID GRID	32 33	0	-41.500 -293.800.0		l	GRID	163	0	.000 -60.00 .000 0	
GRID	34	ō	-25.500 -293.800.0	000 0	i	GRID	164	0	.000 -78.80 .000 0	
GRID	35	0	-25.500 -293.800.0			GRID GRID	173 174	5 5	-116.25010.466 .000 0 -88.250 12.029 .000 0	
GRID GRID	36 37	0	.000 -293.80 .0 -41.500 -308.500.0		1	GRID	175	5	-58.250 13.701 .000 0	
GRID	38	0	-54.216 -310.784.0	::: :	į.	GRID	176	5	-19.500 15.863 .000 0	
GRID	39	0	-41.500 -308.500.0	000 0	i	GRID	177	5	-116.2503.247 .000 0 -88.250 3.438 .000 0	
GRID	40	0	-25.500 -308.500.0		1	GRID GRID	178 179	5 5	-58.250 3.430 .000 0	
GRID GRID	41 42	0	-25.500 -308.500.0 .000 -308.50 .0		1	GRID	180	5	-19.500 3.908 .000 0	
GRID	44	Ô	-86.000 -332.494.0			GRID	181	0	-71.000 -305.615.000 0	
GRID	45	0	-41.500 -324.500.0			GRID	182	0	-71.000 -313.799.000 0 -71.000 -329.799.000 0	
GRID	46	0	-54.216 -326.784.0			GRID GRID	183 184	0	-71.000 -329.799.000 0 -71.000 -345.799.000 0	
GRID GRID	47 48	0	-41.500 -324.500.0 -25.500 -324.500.0			GRID	185	ŏ	-71.000 -361.799.000 0	
GRID	49	ŏ	-25.500 -324.500.0			GRID	186	0	-71.000 -379.099.000 7	
GRID	50	0	.000 -324.50 .0		i	GRID	187	0	-102.000-327.437.000 0 -102.000-335.367.000 0	
GRID	51	0	-139.738-358.146.0		1	GRID GRID	188 189	0	-102.000-335.367.000 0 -102.000-351.367.000 0	
GRID GRID	52 53	0	-120.000-354.601.0 -86.000 -348.494.0		1	GRID	190	ō	-102.000-367.367.000 0)
GRID	54	Ö	-41.500 -340.500.0]	GRID	191	0	-102.000-384.667.000 7	
GRID	55	0	-54.216 -342.784.0		i	GRID	192 193	0	-131.000-347.852.000 0 -131.000-356.576.000 0	
GRID	56 57	0	-41.500 -340.500.0 -25.500 -340.500.0		1	GRID GRID	194	5	-131.7503.141 .000 0	
GRID GRID	58	0	-25.500 -340.500.0		i	GRID	195	ō	.000 -385.600.000 0)
GRID	59	Ö	.000 -340.50 .0	000 0	1	GRID	196	0	.000 -447.000.000 0	
GRID	60	0	-168.385-379.292.0		1	GRID GRID	233 241	0	-41.500 -497.5000. 0 -31.810 -497.500.000 0	
GRID	61 62	0	-157.000-377.247.0 -139.738-374.146.0			GRID	242	ō	-168.385-387.292.000 0	
GRID	63	Ö	-131.000-372.576.0			GRID	243	0	-157.000-385.247.000 0	
GRID	64	0	-120.000-370.601.0			GRID	244	0	-139.738-382.146.000 0 -131.000-380.576.000 0	
GRID	65	0	-86.000 -364.494.0 -41.500 -356.500.0			GRID GRID	245 251	0	-131.000-380.576.000 0 -41.500 -463.0520. 0	
GRID GRID	66 6 7	0	-54.216 -358.784.0			GRID	252	ō	-67.903 -482.9730. 0	
GRID	68	0	-41.500 -356.500.0	000 0		GRID	253	0	-81.403 -493.1590. 0	
GRID	69	0	-25.500 -356.500.0			GRID GRID	254 255	0	-92.653 -501.6460. 0 -103.085-509.5170. 0	
GRID GRID	70 71	0	-25.500 -356.500.0 .000 -356.50 .0		ſ	GRID	256	ő	-110.127-514.8300. 0	
GRID	72	Ö	-180.000-398.678.6			GRID	257	0	-57.952 -504.9420. 0	
GRID	73	0	-168.385-396.592.0			GRID GRID	258 259	0	-72.299 -513.2610. 0 -84.253 -520.1930. 0	
GRID GRID	74 75	0	-157.000-394.547.0 -139.738-391.446.0			GRID	260	0	-95.338 -526.6210. 0	0
GRID	76	ő	-131.000-389.876.	000 7	1	GRID	261	0	-110.127-535.1970. 0	
GRID	77	0	-120.000-387.901.			GRID	262	0	-41.500 -541.2650. 0 -59.060 -542.4880. 0	
GRID	78 79	0	-86,000 -381.794.0 -29.250 -417.400.0		ļ	GRID GRID	263 264	o o	-73.693 -543.5080. 0	
GRID GRID	60	ŏ	-54.216 -376.084.0			GRID	265	0	-87.261 -544.4530. 0	
GRID	81	ō	-41.500 -373.800.	000 7		GRID	266	0	-102.862-545.5400. 0	
GRID	82	0	-25.500 -373.800.0		1	GRID GRID	267 268	0	.000 -153.25 .000 0 .000 -276.42 .000 0	
GRID GRID	83 84	0	-25.500 -373.800.0 .000 -373.80 .0		1	GRID	271	ŏ	-36.000 -469.194.000 0	0
GRID	85	ō	-180.000-406.675.	000 0		GRID	272	0	-36.000 -497.500.000 0	
GRID	86	0	-168.385-406.191.			GRID	273 274	0	-29.250 -497.500.000 0 -40.750 -497.500.000 0	
GRID	87	0	-157.000-405.717.		l	GRID GRID	275	0	-40.750 -479.550.000 0	
GRID GRID	88 89	0	-139.738-404.997. -139.738-393.695.		l	GRID	276	0	-29.250 -479.550.000 0	0
GRID	90	Ö	-130.626-392.267.	000 0 .	ļ	GRID	277	0	-29.250 -479.550.000 0	
GRID	91	0	-111.224-389.227.			GRID	278 279	0	-40.750 -469.194.000 0 -29.250 -469.194.000 0	
GRID GRID	92 93	0	-85.970 -385.270. -53.000 -380.104.			GRID	280	0	-40.750 -462.820.000 0	0
GRID	93	0	-29.250 -373.800.			GRID	281	0	.000 -479.55 .000 0	0
GRID	95	0	-41.500 -378.302.	000 0		GRID	282	0	.000 -462.82 .000 0	
GRID	96	0	-139.738-397.461.			GRID GRID	283 284	0	.000 -446.10 .000 0	
GRID GRID	97 98	0	-129.992-396.307. -110.476-393.998.			GRID	285	Ö	.000 -424.00 .000 0	0
GRID	99	ŏ	-85.073 -390.992.			GRID	286	0	.000 -403.00 .000	0
GRID	100	0	-53.000 -387.196.	000 0	•	GRID	290	0		0
GRID	101	0	-41.500 -385.835.			GRID GRID	291 292	0		o
GRID GRID	102 103	0	-139.738-401.269. -129.345-400.438.	***		GRID	293	0	-29.250 -446.100.000	0
GRID	104	0	-109.713-398.867.	000 0		GRID	294	0		0
GRID	105	0	-84.160 -396.823.	000 0		GRID	295	0		0
GRID	106	0	-53.000 -394.330. -41.500 -393.410.			GRID GRID	296 298	0		0
GRID	107	0	-41.500 -355.410.	****	· ·			-		

Section Sect								
Section Sect	CRID	200	0	-33.570 -497.500.000 0	GRID	1047	0	-41.500 -324.5002.944 0
March Marc					GRID	1048	0	-25.500 -324.50010.350 0
Color								
Section Sect							n	
1985 1986 20				••••				
March Marc	GRID	359	0					
Section 10	GRID	360	0					
Section 1985 0		361	0	.000 -518.008101.371 0				
Selection 1987 0		362	0	.000 -527.582112.479 0	GRID	1056	0	
Section 1985					GRID	1057	0	-25.500 -340.50010.750 0
March Marc							0	-168.385-379.292.984 0
March Marc								
March	GRID	367						
Section 1975	GRID	368	0	.000 -472.31270.354 0				
Section 1970 0		369	0	_000 -491.06888.605 0	GRID	1063		
11					GRID	1064	0	
Main 1972 0					GRID	1065	0	-86.000 -364.4941.676 0
### 1973 0							0	
Section 1975								
Miles	GRID			.000 -528.472125.000 0				
SEID 777 0	GRID	375	0	.000 -492.59445.000 0				
SILD 177 0		376	0	.000 -498.20753.064 0				
1978 0		377	0	.000 -512.83174.074 0	GRID	1072	0	
STOT 199 0					GRID	1073	0	-168.385-396.592.415 0
SEED 1909						1074	0	-157.000-394.547.508 0
Mail							n	
Miles 1862	GRID	380	0					
Mail	GRID	381	0					
SEED SEED	GRID	382	0	.000 -560.736120.500 0				
Section Sect	GRID	383	0	.000 -563.088125.000 0	GRID			
State 1985			n		GRID	1079	0	
SECTION 1985					GRID	1080	0	-54.216 -376,0841.264 0
SEID 387 0							0	-41.500 -373.8001.364 7
STATE 1885							n	
STATE 1985								
Carlo 190	GRID	388	0					
Section 1999 0	GRID	389	0					
Section 1931		390	0	.000 -530.36462.367 0	GRID			
Section 1932 0					GRID	1088	0	
Carlo 1932					GRID	1094	0	-29.250 -373.8009.000 0
SEID 105 0 .000 -500.00 .000 .000 .000 .000 .0								-139.738-397.461.429 0
CRED 100				.000 -560.736120.300 0				
SEID 407 0	GRID	405						
### CAT 0.000	GRID	406	0	.000 -498.24941.224 0				
GRID 408 0 .000 -599.8933.450 0 GRID 1100 0 -59.100.371.792.501 0 GRID 1100 0 -59.100.371.792.501 0 GRID 1100 0 -59.100.371.792.501 0 GRID 1100 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1110 0 -12.371.792.501 0 GRID 1111 0 -12.371.79		407	0	.000 -446.10025.500 0	GRID	1099		
GEID 169 0 -00 -479-02125-590 GEID 1131 0 -11-090-185-582-288-10 GEID 110 0 -00 -46-00-080 0 GEID 1131 0 -11-00-185-582-288-10 GEID 437 0 0.00 -225-40-190-0 0 GEID 1101 0 -169-713-388-67-377-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-378-388-67-388-388-388-388-388-388-388-388-388-38			ò		GRID	1100	0	-53.000 -387.196.810 0
CRID 110 0 .000 -428.40 .000 0 .000 .000 0 .000 133 73 -000 143 130 0 .000 -301.70 .000 0 .000 130 130 0 .000 -301.70 .000 0 .000 130 130 0 .000 130 130 0 .000 130 130 0 .000 130 130 130 130 130 130 130 130 130					GRID	1101	0	-41.500 -385.8352.659 0
STATE STAT								
SEED 107 0	GRID		-					
CRID 100	GRID	431						
SAID 158 0	GRID	437	0	.000 -325.40 .000 0				
Section 1.59		458	0	.000 -266.92 .000 0	GRID	1105	0	
CRID 664 0			Ô		GRID	1106	0	-53.000 -394.330.545 0
Carlo 1465					GRID	1107	0	-41.500 -393.4101.787 0
CRID 100 -102.795 -502.230.000 CRID 1100 0 -102.793-404.397.167							Ô	
GRID 501 0 -40.730 -502.259.200 0 GRID 1110 0 -100.954-00.714.198 GRID 502 0 -41.653 -488.660. 0 GRID 1111 0 -83.248 -402.462.263 289 6601 0 -70.658 -477.4620. 0 GRID 1112 0 -35.000 -411.31.255 6610 503 0 -71.653 -488.660. 0 GRID 1112 0 -35.000 -411.31.255 6610 503 0 -70.658 -477.4620. 0 GRID 1112 0 -41.500 -411.500								
CRID	GRID	466	0					
CRID 502 0	GRID	467	0					
GRID 502 0 -74,653 -488,0660. 0 GRID 1111 0 -41,500 -471,4093,000 GRID 503 0 -87,062 -471,4093,000 GRID 505 0 -87,062 -471,4093,000 GRID 505 0 -106,606-512,1740. 0 GRID 1121 0 -41,500 -471,4093,000 GRID 505 0 -410,606-512,1740. 0 GRID 1125 0 -120,273-535,151,514 GRID 507 0 -62,262 -479,9580. 0 GRID 1127 0 -110,273-538,151,514 GRID 507 0 -62,262 -479,9580. 0 GRID 1127 0 -110,273-538,151,514 GRID 507 0 -62,262 -479,9580. 0 GRID 1127 0 -110,273-538,151,514 GRID 507 0 -62,262 -479,9580. 0 GRID 1127 0 -110,273-538,151,514 GRID 510 0 -99,212 -518,0690. 0 GRID 1127 0 -110,273-538,151,514 GRID 510 0 -99,212 -518,0690. 0 GRID 1127 0 -110,273-538,151,514 GRID 510 0 -99,212 -518,0690. 0 GRID 1129 0 -99,980 -399,622,406 GRID 512 0 -49,726 -502,7270. 0 GRID 1129 0 -99,890 -399,622,406 GRID 512 0 -49,726 -502,7270. 0 GRID 1129 0 -99,891 -399,682,406 GRID 512 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1133 0 -67,414 -401,982,263 GRID 515 0 -89,796 -522,4670. 0 GRID 1130 0 -102,773,391,732,614 GRID 516 0 -89,796 -522,4770. 0 GRID 1130 0 -102,773,391,732,614 GRID 516 0 -89,796 -522,4770. 0 GRID 5170 0 -89,796 -522,4770. 0 GRID 5170 0 -89,796 -522,4770. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0 -89,797 -579. 0 GRID 5170 0	GRID	501	0	-54.702 -473.0130. 0				
GRID 593 0 -97.029 -497.4020 0 GRID 1113 0 -41.580 -400.922.550. 6115 504 0 -97.689 -505.5820. 0 GRID 505 0 -97.689 -505.5820. 0 GRID 1120 0 -41.580 -400.922.550. 6115 505 0 -97.689 -505.5820. 0 GRID 1125 0 -100.205.5830 GRID 505 0 -62.292 -493.9560. 0 GRID 1125 0 -100.205.5830 GRID 505 0 -62.292 -493.9560. 0 GRID 1125 0 -100.205.5830 GRID 505 0 -62.292 -493.9560. 0 GRID 1126 0 -100.719.302.6813.689 GRID 505 0 -88.681 -510.5000. 0 GRID 1127 0 -69.427 -398.146.737 GRID 505 0 -88.681 -510.5000. 0 GRID 1127 0 -69.427 -398.146.737 GRID 5110 0 -110.127-525.6140. 0 GRID 1127 0 -99.898 -398.692.466 GRID 5110 0 -110.127-525.6140. 0 GRID 1127 0 -99.898 -398.692.466 GRID 5110 0 -110.127-525.6140. 0 GRID 1130 0 -68.422 -399.546.500 GRID 513 0 -65.126 -509.1220. 0 GRID 1130 0 -68.422 -399.546.500 GRID 513 0 -65.126 -509.1220. 0 GRID 1130 0 -68.422 -399.546.500 GRID 513 0 -70.779 -310.779. 0 GRID 51		502	0	-74.653 -488.0660, 0	GRID	1112	0	
CRID 504 0					GRID	1113	0	-41.500 -400.902.925 0
CRID 505			-	***************************************	GRID		0	-41.500 -417.4009.000 0
CRID 506 0 -41.5 -469.2769. 0 CRID 1125 0 -120.235-358,153.518.			•				ń	
GRID 507 0 -62.99 433.5990 0 GRID 1126 0 -100.719-392.813.699 0 -76.81 -503.200 0 GRID 1127 0 -68.427 -395.140.737 GRID 509 0 -76.843 -501.200 0 GRID 1127 0 -68.427 -395.140.737 GRID 509 0 -88.433 -510.200 0 GRID 1127 0 -68.427 -395.140.737 GRID 509 0 -89.433 -501.200 0 GRID 1120 0 -118.530-398.633.140 GRID 512 0 -49.726 -501.2210 0 GRID 1120 0 -68.420 -395.544.500 GRID 512 0 -49.726 -501.2210 0 GRID 1120 0 -68.420 -395.544.500 GRID 512 0 -49.726 -501.2210 0 GRID 1120 0 -69.8420 -395.544.500 GRID 512 0 -49.726 -501.2210 0 GRID 1120 0 -69.841.20 -395.544.500 GRID 512 0 -49.726 -501.2210 0 GRID 1120 0 -69.841.20 -395.544.500 GRID 512 0 -78.276 -516.7270 0 GRID 1120 0 -69.841.20 -395.542.500 GRID 512 0 -78.276 -516.7270 0 GRID 1120 0 -69.841.20 -395.542.500 GRID 513 0 -69.441.401.802.203 GRID 513 0 -69.441.401.802.203 GRID 513 0 -69.441.401.802.203 GRID 513 0 -69.441.401.802.203 GRID 517 0 -41.5 -519.3830 0 GRID 513 0 -41.5 -519.3830 0 GRID 513 0 -41.5 -519.3830 0 GRID 513 0 -45.680 -527.8750 0 GRID 513 0 -45.680 -45.880 -45.880 -45.880 -45.880 -45.880 -45.880 -45.880 -45								
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CRID 515							0	
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SEAL Seal	GRID	520	0					
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GRID 523 0 -50.28 -541.8760. 0 GRID 1142 0 -11.500 -379.382.3412 GRID 525 0 -66.376 -542.9980. 0 GRID 1143 0 -18.000 -389.378.7675 GRID 525 0 -90.477 -544.0980. 0 GRID 1173 5 -116.25010.466 .453 GRID 526 0 -95.062 -544.9960. 0 GRID 1174 5 -88.255 12.029 .460 GRID 702 3 100. 0. 0. GRID 1176 5 -19.500 15.863 1.015 GRID 703 3 0. 0. 0100. GRID 1176 5 -19.500 15.863 1.015 GRID 1015 5 -136.6059, 331 .355 0 GRID 1176 5 -19.500 15.863 1.015 GRID 1001 5 -136.6059, 331 .355 0 GRID 1177 5 -116.2503.247 .4996 GRID 1002 5 -131.7509.602 .382 0 GRID 1177 5 -58.250 13.701 .795 GRID 1003 5 -100.7501.331 .550 0 GRID 1179 5 -58.250 3.488 1.350 GRID 1003 5 -100.7501.331 .550 0 GRID 1179 5 -58.250 3.681 .509 GRID 1003 5 -100.7501.331 .550 0 GRID 1189 5 -58.250 3.681 .509 GRID 1004 5 -75.750 12.725 .700 0 GRID 1180 5 -71.000 .305.6152.359 GRID 1005 5 -40.750 14.678 .895 0 GRID 1180 0 -71.000 .313.7992.486 GRID 1006 5 -0.000 17.047 1.115 0 GRID 1180 0 -71.000 .313.7992.486 GRID 1007 5 72.447 18.341 1.255 0 GRID 1180 0 -71.000 .313.7992.486 GRID 1008 5 -116.007333 335 1.150 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1008 5 -116.007333 335 1.150 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1008 5 -100.7503.335 1.150 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1009 5 -116.893.076 .886 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1009 5 -116.893.076 .886 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1018 5 -100.7503.335 1.150 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1018 5 -100.7503.335 1.150 0 GRID 1188 0 -71.000 .313.7992.486 GRID 1018 5 -100.7503.335 1.150 0 GRID 1189 0 -71.000 .313.7992.486 GRID 1018 5 -100.7503.355 1.150 0 GRID 1189 0 -71.000 .313.7992.491 GRID 1018 5 -75.750 3.554 1.655 0 GRID 1189 0 -71.000 .313.7992.491 GRID 1018 5 -75.750 3.554 1.655 0 GRID 1189 0 -71.000 .313.7992.491 GRID 1018 5 -75.750 3.554 1.656 0 GRID 1189 0 -70.000.355.670.392 GRID 1018 0 -75.750 3.554 1.656 0 GRID 1199 0 -70.000.355.670.392 GRID 1018 0 -75.750 3.554 1.656 0 GRID 1199 0 -70.000.355.670.392 GRID	GRID	522	0	-106.495-540.3680. 0				
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GRID 1039 0 -41.500 -308.5003.166 0 GRID 1259 0 -84.253 -520.1931.437 GRID 1040 0 -25.500 -308.50010.355 0 GRID 1260 0 -95.338 -526.6211.931 GRID 1044 0 -86.000 -332.492.350 0 GRID 1261 0 -110.127-535.197.606 GRID 1045 0 -11.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.265.833 GRID 1045 0 -11.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.265.833				114004 01111111111111111111111111111111				
GRID 1039 0 -41.500 -308.5003.166 0 GRID 1259 0 -84.223 -520.1931.437 GRID 1040 0 -25.500 -308.5001.350 0 GRID 1260 0 -95.338 -526.6211.091 GRID 1044 0 -66.000 -322.4942.350 0 GRID 1261 0 -110.127-535.197.606 GRID 1045 0 -41.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.265.833 GRID 1045 0 -41.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.265.833	GRID			*******				
GRID 1040 0 -25.500 -308.50010.350 0 GRID 1260 0 -95.338 -526.6211.091 GRID 1044 0 -86.000 -332.4942.350 0 GRID 1261 0 -110.127-535.197.606 GRID 1045 0 -11.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.265.833		1039	0	*******				
GRID 1044 0 -86.000 -332.4942.350 0 GRID 1261 0 -110.127-535.197.606 GRID 1045 0 -41.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.265.833		1040						
GRID 1045 0 -41.500 -324.5005.450 0 GRID 1262 0 -41.500 -541.205.833					GRID			
<u> </u>					GRID	1263	0	-59.060 -542.488.670 0

GRID	1264	0	-73.693 -543.508.531 0	GRID	2101	0	~41.500 -385.835-2.659 0
GRID	1265	ō	-87.261 -544.453.399 0	GRID	2102	0	-139.738-401.269288 0
GRID	1266	ō	-102.862-545.540.248 0	GRID	2103	0	-129.345-400.438318 0
GRID	1275	ō	-40.750 -479.5505.000 0	GRID	2104	0	-109.713-398.867377 0
GRID	1276	ō	-29.250 -479.5506.150 0	GRID	2105	0	-84.160 -396.823453 0
GRID	1280	0	-40.750 -462.8205.500 0	GRID	2106	0	-53.000 -394.330545 0
GRID	1290	Ó	-29.250 -462.8207.000 0	GRID	2107	0	-41.500 -393.410-1.787 0
GRID	1292	0	-40.750 -446.1005.650 O	GRID	2108	0	-139.738-404.997150 0 -128.703-404.537167 0
GRID	1293	0	-29.250 -446.1007.000 0	GRID	2109	0	1201/03 1011001 1201
GRID	1464	0	-29.250 -492.5004.500 0	GRID	2110	0	-108,954~403.714198 0 -83,248 -402,642238 0
GRID	1465	0	-40.750 -492.5004.750 0	GRID	2111	0	351210 1021112 1221
GRID	1466	0	-29.250 -502.2503.000 0	GRID	2112	0	-53.000 -401.381285 0 -41.500 -400.902925 0
GRID	1467	0	-40.750 -502.2504.250 0	GRID	2113	0	
GRID	1501	0	-54.702 -473.0130.868 0	GRID	2114	0	
GRID	1502	0	-74.653 -488.0660.638	GRID	2121	0	-41.500 -373.800-5.850 0 -120.235-395.153514 0
GRID	1503	0	-87.028 -497.4020.495 0	GRID	2125	0	-100.719-392.843669 0
GRID	1504	0	-97.869 -505.5820.370 0	GRID	2126 2127	0	-69.427 -389.140737 0
GRID	1505	0	-106.606-512.1740.268 0	GRID GRID	2127	0	-119.530-399.653348 0
GRID	1506	0	-41.5 -480.2761.906 0	GRID	2129	ő	-99.898 -398.082406 0
GRID	1507	0	-62.928 -493.9581.610 0	GRID	2130	ő	-68.420 -395.564500 0
GRID	1508	0	-76.851 -503.2101.180 0	GRID	2131	ő	-118.830-404.125182 0
GRID	1509	0	-88.453 -510.9200.934 0	GRID	2132	ŏ	-99.081 -403.302213 0
GRID	1510	0	-99.212 -518.0690.700 0 -110.127-525.0140.417 0	GRID	2133	õ	-67.414 -401.982263 0
GRID	1511	0	1101111 0101111111	GRID	2134	õ	-139.738-394.695531 7
GRID	1512	0	-45.720 501.2222.415	GRID	2135	ō	-130.473-393.243585 7
GRID	1513	0	051120 5071114111	GRID	2136	ō	-120.773-391.723641 7
GRID	1514	0	101210 0001101101	GRID	2137	ō	-111.071-390.203697 7
GRID	1515	0	-89.796 -523.4071.264 0 -102.733-530.9090.848 0	GRID	2138	ō	-101.371-388.683754 7
GRID	1516	0	-41.5 -519.3831.812 0	GRID	2139	0	-85.817 -386.246844 7
GRID GRID	1517 1518	Ö	-49.726 -523.1041.668 0	GRID	2140	0	-70.262 -383.809934 7
	1519	0	-65.680 -527.8751.236 0	GRID	2141	0	-53.000 -381.104-1.050 7
GRID GRID	1520	Ö	-78.973 -531.8050.984 O	GRID	2142	0	-41.500 -379.302-3.412 7
	1521	ő	-91.3 -535.5370.745 0	GRID	2143	0	-180.000-389.378675 0
GRID GRID	1522	ő	-106.495-540.3680.427 0	GRID	2173	5	-116.25010.466453 0
GRID	1523	ō	-50.28 -541.8760.752 0	GRID	2174	5	-88.250 12.029640 0
GRID	1524	ő	-66.376 -542.9960.600 0	GRID	2175	5	-58.250 13.701795 0
GRID	1525	ŏ	-80.477 -544.0080.465 0	GRID	2176	5	-19.500 15.863 -1.015 0
GRID	1526	ŏ	-95.062 -544.9960.324 0	GRID	2177	5	-116.2503.247990 0
GRID	2001	5	-136.6059.331355 0	GRID	2178	5	-88.250 3.438 -1.303 0
GRID	2002	5	-131.7509.602382 0	GRID	2179	5	-58.250 3.643 -1.590 0
GRID	2003	5	-100.75011.331560 0	GRID	2180	5	-19.500 3.908 -1.980 0
GRID	2004	5	-75.750 12.725 7 00 0	GRID	2181	0	-71.000 -305.615-2.359 0
GRID	2005	5	-40.750 14.678895 0	GRID	2182	0	-71.000 -313.799-2.486 0
GRID	2006	5	0.000 17.047 -1.115 0	GRID	2183	0	-71.000 -329.799-2.524 0 -71.000 -345.799-2.242 0
GRID	2007	5	24.947 18.341 -1.245 0	GRID	2184	0	
GRID	2008	5	-141.0943.076845 0	GRID	2185	0	121111
GRID	2010	5	-100.7503.353 -1.150 0	GRID	2186	0	
GRID	2012	5	-75.750 3.524 -1.410 0	GRID	2187	0	-102.000-327.437-1.904 0 -102.000-335.367-2.032 0
GRID	2014	5	-40.750 3.763 -1.765 0	GRID	2188		
GRID	2016	5	0.000 4.054 -2.190 0	GRID	2189	0	-102.000-351.367-1.954 0 -102.000-367.367-1.559 0
GRID	2018	5	14.758 4.143 -2.080 0	GRID	2190	0	-102.000-384.667924 7
GRID	2019	0	-180.000-381.378790 0	GRID	2191 2192	0	-131.000-347.852-1.517 0
GRID	2020	C	-168.385-374.169965 1	GRID GRID	2192	0	-131.000-356.576-1.617 0
GRID	2021	0	-157.000-366.154-1.156 0	GRID	2194	5	-131.7503.141875 0
GRID	2022	0	-147.640-359.565-1.284 0	GRID	2233	0	-41.500 -497.500-2.790 0
GRID	2023	0	-143.035-356.324-1.358 1	GRID	2242	ō	-168.385-387.292764 0
GRID	2024	0	-139.738-354.003-1.400 0	GRID	2243	ŏ	-157.000-385.247862 0
GRID	2025	0	-122.591-341.932-1.635 1 -120.000-340.108-1.663 0	GRID	2244	ŏ	-139.738-382.146-1.004 0
GRID	2026	0	-120.000-340.108-1.663 0 -93.970 -321.785-2.018 1	GRID	2245	ō	-131.000-380.576-1.080 0
GRID	2027	0	-93.970 -321.763-2.010 1 -86.000 -316.174-2.124 0	GRID	2251	ō	-41.500 -463.052-1.021 0
GRID	2029 2030	Ö	-60.647 -298.327-2.534 1	GRID	2252	Ó	-67.903 -482.973716 0
GRID GRID	2031	0	-41.500 -293.800- 4.7 50 0	GRID	2253	0	-81.403 -493.159560 0
GRID	2032	Ö	-54.216 -293.800-2.600 0	GRID	2254	0	-92.653 -501.646430 0
GRID	2032	ŏ	-41.500 -293.800-3.209 0	GRID	2255	0	-103.085-509.517309 0
GRID	2034	ŏ	-25.500 -293.800-9.850 0	GRID	2256	0	-110.127-514.830228 0
GRID	2037	ŏ	-41.500 -308.500-5.350 O	GRID	2257	0	-57.952 -504.942-2.503 0
GRID	2038	ŏ	-54.216 -310.784-2.852 0	GRID	2258	0	-72.299 -513.261-1.801 0
GRID	2039	Ö	-41.500 -308.500-3.166 0	GRID	2259	0	-84.253 -520.193-1.437 0
GRID	2040	0	-25.500 -308.500-10.350 0	GRID	2260	0	-95.338 -526.621-1.091 0
GRID	2044	0	-86.000 -332.494-2.350 0	GRID	2261	0	-110.127-535.197606 0
GRID	2045	0	-41.500 -324.500-5.450 O	GRID	2262	0	-41.500 -541.265833 0
GRID	2046	0	-54.216 -326.784-2.750 0	GRID	2263	0	-59.060 -542.488670 0 -73.693 -543.508531 0
GRID	2047	0	-41.500 -324.500-2.944 0	GRID	2264 2265	0	-73.693 -543.508531 0 -87.261 -544.453399 0
GRID	2048	0	-25.500 -324.500-10.350 0	GRID GRID	2266	o	-102.862-545.540248 0
GRID	2051	0	-139.738-358.146-1.446 0	GRID	2275	ŏ	-40.750 -479.550-5.000 0
GRID	2052	0	-120.000-354.601-1.763 0 -86.000 -348.494-2.112 0	GRID	2276	ŏ	-29.250 -479.550-6.150 0
GRID	2053			GRID	2280	ō	-40.750 -462.820-5.500 0
GRID	2054	0	-41.500 -340.500-5.450 0 -54.216 -342.784-2.426 0	GRID	2290	ō	-29.250 -462.820-7.000 0
GRID GRID	2055 2056	Ö	-41.500 -340.500-2.598 0	GRID	2292	Ô	-40.750 -446.100-5.650 0
GRID	2057	ŏ	-25.500 -340.500-10.750 0	GRID	2293	0	-29.250 -446.100-7.000 0
GRID	2060	ŏ	-168.385-379.292984 0	GRID	2464	0	-29.250 -492.500-4.500 0
GRID	2061	ŏ	-157.000-377.247-1.108 0	GRID	2465	0	-40.750 -492.500-4.750 0
GRID	2062	ŏ	-139.738-374.146-1.256 0	GRID	2466	0	-29.250 -502.250-3.000 0
GRID	2063	ō	-131.000-372.576-1.328 0	GRID	2467	0	-40.750 -502.250-4.250 0
GRID	2064	0	-120.000-370.601-1.418 0	GRID	2501	0	-54.702 -473.013-0.868 0
GRID	2065	0	-86.000 -364.494-1.676 0	GRID	2502	0	-74.653 -488.066-0.638 0
GRID	2066	0	-41.500 -356.500-5.800 0	GRID	2503	0	-87.028 -497.402-0.495 0 -97.869 -505.582-0.370 0
GRID	2067	0	-54.216 -358.784-1.908 0	GRID	2504	0	
GRID	2068	0	-41.500 -356.500-2.028 0	GRID	2505	0	-106.606-512.174-0.268 0 -41.5 -480.276-1.906 0
GRID	2069	0	-25.500 -356.500-10.950 0	GRID	2506 2507	0	-41.5 -480.276-1.906 0 -62.928 -493.958-1.610 0
GRID	2072	0	-180.000-398.678330 0	GRID GRID	2507	Q.	-62.928 -493.958-1.610 0 -76.851 -503.210-1.180 0
GRID	2073	0	-168.385-396.592415 0 -157.000-394.547508 0	GRID	2508	0	-88.453 -510.920-0.934 0
GRID	2074	0	2011000 0717071 0000	GRID	2510	Ô	-99.212 -518.069-0.700 0
GRID	2075	0		GRID	2511	ŏ	-110.127-525.014-0.417 0
GRID	2076	0	-131.000-389.876706 7 -120.000-387.901796 0	GRID	2512	ŏ	-49.726 -501.221-2.646 0
GRID	2077	0	-120.000-387.901796	GRID	2513	ő	-65.126 -509.102-2.152 0
GRID	2078 2079	0	-29.250 -417.400-9.000 0	GRID	2514	ō	-78.276 -516.727-1.619 0
GRID GRID	2079	0	-54.216 -376.084-1.264 0	GRID	2515	0	-89.796 -523.407-1.264 0
GRID	2080	Ů,	-41.500 -373.800-1.364 7	GRID	2516	0	-102.733-530.909-0.848 0
GRID	2082	Ö	-25.500 -373.800-11.100 0	GRID	2517	0	-41.5 -519.383-1.812 0
GRID	2085	Ö	-180.000-406.675075 0	GRID	2518	0	-49.726 -523.104-1.668 0
GRID	2086	ŏ	-168.385-406.191090 0	GRID	2519	0	-65.680 -527.875-1.236 0
GRID	2087	Ō	-157.000-405.717115 0	GRID	2520	0	-78.973 -531.805-0.984 0
GRID	2088	0	-139.738-404.997145 0	GRID	2521	0	-91.3 -535.537-0.745 0
GRID	2094	ō	-29.250 -373.800-9.000 0	GRID	2522	0	-106.495-540.368-0.427 0
GRID	2096	0	-139.738-397.461429 0	GRID	2523	0	-50.28 ~541.876~0.752 0 -66.376 -542.998~0.600 0
GRID	2097	0	-129.992-396.307471 0	GRID	2524	0	
GRID	2098	0	-110.476-393.998557 0	GRID	2525	0	-80.477 -544.008-0.465 0 -95.062 -544.996-0.324 0
GRID	2099	0	-85.073 -390.992669 0	GRID GRID	2526 3016	0	-95.062 -544.996-0.324 U -180.0 -391.3910. 0
GRID	2100	0	~53.000 -387.196810 0	I GKID	3010	U	-100.0 -351.3710. 0
*							

GRID	3017	0 -182.88 -319.4 0. 0	PBAR	2416	2 100.0	100.0	.00001	.001	+2416
GRID GRID	3018 3019	0 -182.88 -346.1950. 0 0 -182.88 -376.6750. 0	+2410	A 1.	.0000001	***	00001	001	+2416A +2417
GRID GRID	3020 3021	0 -182.88 -381.3780. 0 0 -182.88 -391.3910. 0	PBAR +241		2 100.0	100.0	.00001	.001	+2417A
GRID GRID	3022 3046	0 -182.88 -400.6450. 0 0 -157.0 -375.37 0. 0	+2411 PBAR	2418	.0000001 2 100.0	100.0	.00001	.001	+2418 +2418A
GRID GRID	3047 3048	0 -157.0 -371.56 0. 0 0 -157.0 -381.56 0. 0	+2418	A 1.	.0000001	***	00001	001	+2419
GRID GRID	3049 3050	0 -157.0 -375.37 -10.0 0 0 -157.0 -337.58 -12.0 0	PBAR +2419		2 100.0	100.0	.00001	.001	+2419A
GRID GRID	3051 3053	0 -157.0 -368.06 -12.0 0 0 -157.0 -371.56 -12.0 0	+2419 PBAR	2420	.0000001 2 100.0	100.0	.00001	.001	+2420 +2420A
GRID GRID	3054 3055	0 -157.0 -375.37 -12.0 0 0 -157.0 -381.56 -12.0 0	+2420	A 1.	.0000001 2 100.0	100.0	.00001	001	+2421
GRID GRID	3057 3058	0 -157.0 -391.89 -12.0 0 0 -157.0 -293.8 -17.5 0	PBAR +2421		2 100.0	100.0	.00001	.001	+2421A
GRID GRID	3059 3060	0 -157.0 -337.58 -17.5 0 0 -157.0 -353.19 -17.5 0	+2421 PBAR	2422	2 100.0	100.0	.00001	.001	+2422 +2422A
GRID GRID	3061 3062	0 -157.0 -368.06 -17.5 0 0 -157.0 -391.89 -17.5 0 0 -158 1 -371.56 -12.0 0	+2422 +2422 PBAR		.0000001 2 100.0	100.0	.00001	.001	+2423
GRID GRID	3063 3064	0 -158.1 -381.56 -12.0 0	+2423		.0000001				+2423A
GRID GRID	3065 3066	0 -158.1 -371.56 0. 0 0 -158.1 -381.56 0. 0 0 -155.9 -371.56 -12.0 0	PBAR +2424	2424	2 100.0	100.0	.00001	.001	+2424 +2424A
GRID GRID	3067 3068 3069	0 -155.9 -381.56 -12.0 0 0 -155.9 -371.56 0. 0	+2424 PBAR	A 1. 2425	.0000001 2 100.0	100.0	.00001	.001	+2425
GRID GRID GRID	3070 3196	0 -155.9 -381.56 0. 0 0 -79.0 -315.2360. 0	+2425		.0000001				+2425A
GRID GRID	3197 3198	0 -63.0 -312.3620. 0 0 -79.0 -331.2360. 0	PBAR +242		2 100.0	100.0	.00001	.001	+2426 +2426A
GRID GRID	3199 3200	0 -63.0 -328.3620. 0 0 -79.0 -316.87 0. 0	+2420 PBAR	2427	.0000001 2 100.0	100.0	.00001	.001	+2427
GRID GRID	3201 3202	0 -71.0 -316.87 0. 0 0 -63.0 -316.87 0. 0	+242	'A 1.	.0000001			***	+2427A
GRID GRID	3203 3204	0 -71.0 -316.87 0. 0 0 -71.0 -325.4 0. 0	PBAR +2428		2 100.0	100.0	.00001	.001	+2428 +2428A
GRID GRID	3205 3206	0 -71.0 -377.3 0. 0 0 -71.0 -325.4 -10.0 0	+2428 PBAR	2429	.0000001 2 100.0	100.0	.00001	.001	+2429 +2429A
GRID GRID	3207 3208	0 -71.0 -325.4 -17.5 0 0 -71.0 -312.6 -17.5 0	+2429	A 1.	.0000001	100.0	00001	.001	+2430
GRID GRID	3209 3210	0 -71.0 -312.6 -17.5 0 0 -71.0 -200.0 -30.5 0	PBAR +2436		2 100.0	100.0	.00001	.001	+2430A
GRID GRID	3211 3212	0 -71.0 -302.58 -30.5 0 0 -71.0 -312.6 -30.5 0	+2430 PBAR +2433	2431	2 100.0	100.0	.00001	.001	+2431 +2431A
GRID GRID	3213 3500	0 -71.0 -340.5 -30.5 0 0 -120335.09 -25.	+243		.0000001 2 100.0	100.0	.00001	.001	+2432
GRID MAT1	3501	0 -120346.07 -11.20 10.5E6 5.53E6 10.5E6 4.0E6	+243	?	.0000001				+2432A
MAT1 MAT1	3	10.5E6 4.086 19999958.9999958 10.5E6 .99999E8	PBAR +243	2433	2 100.0	100.0	.00001	.001	+2433 +2433A
MAT1 MAT1 MAT1	4 5 601	10.566 4.40066 3.15066 4.40066	+243 PBAR		.0000001 2 100.0	100.0	.00001	.001	+2434
MAT1 MAT2	606 701	6.825E6 4.400E6 8681000.215900078300. 716400078300. 2558000.	+243 +243		.0000001				+2434A
MAT2 MAT2	702 703	7047000.2537000160600.8488000160600.2700000. 6618000.2464000254500.8980000254500.2625000.	PBAR +243	2435	2 100.0	100.0	.00001	.001	+2435 +2435A
MAT2 MAT2	704 705	6501000.241100094900. 941600094900. 2500000. 6047000.2622000109000.9502000109000.2783000.	+2439 PBAR	2436	.0000001 2 100.0	100.0	.00001	.001	+2436
MAT2 MAT2	706 707	7849000.2569000130600.7900000130600.2733000. 7849000.2569000130000.7902000130000.2600000.	+243	SA 1.	.0000001		00001	001	+2436A +2437
MAT2 MAT2	708 709	6516000.2481000178900.9219000178900.2700000. 6299000.2424000149500.9651000149500.2700000.	PBAR +243' +243'		2 100.0	100.0	.00001	.001	+2437A
MAT2 PARAM	710 GRDPNT	6427000.2319000413300.9734000413300.2800000.	PBAR +243	2438	2 100.0	100.0	.00001	.001	+2438 +2438A
PARAM PBAR	WTMASS 27 2401	0.00258 2 100. 9999. 9999. 9999. 2 100.0 100.0 .00001 .001 +2401	+243		.0000001 2 100.0	100.0	.00001	.001	+2439
PBAR +2401 +2401A	1.	-2401A	+243 +243)	.0000001				+2439A
PBAR +2402	2402	2 100.0 100.0 .00001 .001 +2402 +2402A	PBAR +244	2440	2 100.0	100.0	.00001	.001	+2440 +2440A
	1. 2403	.0000001 2 100.0 100.0 .00001 .001 +2403	+244 PBAR	2441	.0000001 2 100.0	100.0	.00001	.001	+2441
+2403 +2403A		+2403A .0000001		A 1.	.0000001	100.0	00001	001	+2441A +2442
PBAR +2404	2404	2 100.0 100.0 .00001 .001 +2404 +2404A	+244			100.0	.00001	.001	+2442A
+2404A PBAR	1. 2405	.0000001 2 100.0 100.0 .00001 .001 +2405	PBAR +244		.0000001 2 100.0	100.0	.00001	.001	+2443 +2443A
+2405 +2405A		.0000001 2 100.0 100.0 .00001 .001 +2406		BA 1.	.0000001 2 100.0	100.0	.00001	.001	+2444
PBAR +2406 +2406A	2406	2 100.0 100.0 ,00001 .001 +2406 +2406A	+244		.0000001				+2444A
PBAR +2407		2 100.0 100.0 .00001 .001 +2407 +2407A	PBAR +244	2445	2 100.0	100.0	.00001	.001	+2445 +2445A
+2407A PBAR		.0000001 2 100.0 100.0 .00001 .001 +2408		5A 1.	.0000001 2 100.0	100.0	.00001	.001	+2446
+2408 +2408A		+2408A		5A 1.	.0000001				+2446A
PBAR +2409	2409	2 100.0 100.0 .00001 .001 +2409 +2409A	+244		2 100.0	100.0	.00001	.001	+2447 +2447A
+2409A PBAR		.0000001 2 100.0 100.0 .00001 .001 +2410	PBAR		.0000001 2 100.0	100.0	.00001	.001	+2448 +2448A
+2410 +2410A		+2410A		BA 1.	.0000001 2 100.0	100.0	.00001	.001	+2449
PBAR +2411	2411	2 100.0 100.0 .00001 .001 +2411 +2411A	PBAR +244		.0000001	100.0	.00001	.001	+2449A
+2411A PBAR	1. 2412	.0000001 2 100.0 100.0 .00001 .001 +2412 +2412A	PBAR +245	2450	2 100.0	100.0	.00001	.001	+2450 +2450A
+2412 +2412A PBAR	1. 2413	.0000001 2 100.0 100.0 .00001 .001 +2413		0A 1.	.0000001 2 100.0	100.0	.00001	.001	+2451
+2413 +2413A		+2413A	+245 +245	1 1A 1.	.0000001				+2451A
PBAR +2414		2 100.0 100.0 .00001 .001 +2414 +2414A	PBAR +245	2452 2	2 100.0	100.0	.00001	.001	+2452 +2452A
+2414A PBAR		.0000001 2 100.0 100.0 .00001 .001 +2415	PBAR		.0000001 2 100.0	100.0	.00001	.001	+2453
+2415 +2415A		+2415A	+245 +245	3 3A 1.	.0000001				+2453A

	2454	2 1	100.0	100.0	.00001	.001		+2454	PBEAM	44	2	2.340	9999.0	293.75		+44
PBAR +2454			.00.0	100.0	.00001	.001		+2454A	+44 PBEAM	NO 45	1.0	1.430	9999.0	99.875 99.875	.001	+45
+2454A PBAR	1. 2455	.0000001 2 1	00.0	100.0	.00001	.001		+2455	+45 PBEAM	NO 46	1.0	1.521	9999.0	76.375 215.00	.001	+46
+2455 +2455A	1.	.0000001						+2455A +2456	+46 PBEAM	NO 47	1.0	2.250	9999.0	162.00 162.00		+47
PBAR +2456	2456		100.0	100.0	.00001	.001		+2456A	+47 PBEAM	NO 48	1.0	1.875	9999.0	133.00		+48
+2456A PBAR	1. 2457	2 1	00.0	100.0	.00001	.001		+2457	+48 PBEAM	NO 49	1.0	2.250	1.	46.00 41.26	.001	+49
+2457 +2457A	1.	.0000001						+2457A	+49	NO O.	1.0	1.354	1188	51.57	.001	+49A
PBAR +2458	2458		100.0	100.0	.00001	.001		+2458 +2458A	+49A PBEAM	50	2		1.	51.57 53.59		+50 +50A
+2458A PBAR	1. 2459	2 1	100.0	100.0	.00001	.001		+2459	+50 +50A	NO 0.	1.0 1. 2		0185 1.	53.59		+51
+2459 +2459A	1.	.0000001						+2459A	PBEAM +51	51 NO	1.0	1.371	.0000	53.59		+51A
PBAR +2460	2460		0.001	100.0	.00001	.001		+2460 +2460A	+51A PBEAM	0. 52	1.		1.	53.59 60.14		+52 +52A
+2460A PBAR	1. 3502			99990.		99990.			+52 +52A	NO 0.	1.0	1.534	0622		601	+53
PBEAM +1	1 No	2 . 1.0			371.450 547.400		.001	+1 +1A	PBEAM +53	53 NO	1.0	1.547	1.	60.14 62.03	.001	+53A
+1A PBEAM	0. 2	1.	.690	593.000	547.400		.001	+2	+53A PBEAM	0. 54	1.	.942	0086 1.	37.54	.001	+54 +54A
+2 +2A	NO 0.	1.0			606.050			+2A	+54 +54A	NO 0.	1.0	1.449	4242	76.22	001	+55
PBEAM +3	3 NO	2 4 1.0			655.500 656.500		640.	+3 +3A	PBEAM +55	NO	1.0	1980.000)	9999.00 9999.00	.001	+55A
+3A PBEAM	0. 4	1. 2 4	1.140	912.000	656.500		2175.	+4	+55A PBEAM	0. 56	1.	1980.000	.0000	9999.00	.001	+56
+4 +4A	NO 0.	1.0		3104.00	01780.00	0		+4A	+56 +56A	NO 0.	1.0	1485.000	.0000	9999.00	001	+56A +57
PBEAM +5	5 No	2 4 1.0			01780.00 03625.00		2770.	+5 +5A	PBEAM +57	57 NO	1.0	1.440	.001	.001	.001	+57A
+5A PBEAM	0. 6	1. 2 3			04245.00		5250.	+6	+57A PBEAM	0. 141	1.		1.	46.34	.001	+141 +141A
+6 +6A	NO 0.	1.0		7900.00	04430.00	0		+6A	+141 +141A	NO 0.	1.0	2.520	0571	52.89	003	+142
PBEAM +7	7 NO	2 1	1980.000	7900.00 8100.00	04430.00 04170.00	0	5250.	+7 +7A	PBEAM +142	142 NO	1.0	2.520 2.660	1.	52.89 60.54	.001	+142A
+7A PBEAM	0. B	1. 2 1			04170.00		5250.	+8	+142A PBEAM	0. 143	1.		0541 1.	54.50	.001	+143 +143A
+8 +8A	NO 0.	1.0			03900.00			+8A	+143 +143A	NO 0.	1.0	2.800	0513	61.49	001	+144
PBEAM +9	9 No	2 1 1.0			03900.00 03887.06		5250.	+9 +9A	PBEAM +144	144 NO	2 1.0	2.800 3.080	1.	61.49 76.54	.001	+144A
+9A PBEAM	0. 10	1. 2 1	1980.000	9400.00	03887.06	2	5250.	+10	+144A PBEAM	0. 145	1.		0952 1.	76.54	.001	+145
+10 +10A	NO 0.	1.0			03670.00			+10A	+145 +145A	NO 0.	1.0	3.080	.0000	76.54	.001	+145A +146
PBEAM +11	11 NO	2 1 1.0			03670.00 03691.00		5250.	+11 +11A	PBEAM +146	146 NO	1.0	.990 1.017	1.	44.68 47.44	.001	+146A
+11A PBEAM	0. 12	1. 2 1	1980.000		03691.00		5250.	+12	+146A PBEAM	0. 147	1.	1.017	0269 1.	34.25	.001	+147 +147A
+12 +12A	NO 0.	1.0			03700.00			+12A	+147 +147A	NO 0.	1.0		4573	103.19	.001	+148
PBEAM +13	13 NO	2 1 1.0	1980.000		03700.00 03780.00		5250.	+13 +13A	PBEAM +148	148 NO	1.0	1.875	1.	39.37	.001	+148A
+13A PBEAM	0. 14				03780.00		5250.	+14	+148A PBEAM	0. 149	1.	1.875 2.250	2222 1.	39.37 59.52	.001	+149 +149A
+14 +14A	NO 0.	1.0			03590.00			+14A	+149 +149A	NO 0.	1.0		1818	44.13	.001	+150
PBEAM +15	15 NO	1.0	1980.000		03590.00 03340.00		5250.	+15 +15A	PBEAM +150	150 NO	1.0	1.538	1. 3099	87.37	.001	+150A
+15A PBEAM	0. 16		1980.000		03340.00		5067.5	+16	+150A PBEAM +151	0. 151 NO	1. 2 1.0	1.538 1.750	1.	86.52 115.17	.001	+151 +151A
+16 +16A	NO 0.	1.0			01872.00	0		+16A	+151A	٥.	1.		1293 1.	115.17	.001	+152
PBEAM +17	17 NO	1.0 1	1980.000 1980.000	6375.0	1872.00 1791.00		4910.0	+17 +17A	PBEAM +152 +152A	152 NO 0.	2 1.0 1.	1.750	.0000	115.17		+152A
+17A PBEAM	0. 1B		1980.000		1791.00		4725.0	+18 +18A	PBEAM +153	153 NO	1.0	14.000 14.000	1.	129.80 129.80	.001	+153 +153A
+18 +18A	NO 0.	1.	1980.000	.0000	1470.00		4515.0	+19	+153A PBEAM	0. 154	1.		.0000 1.	79.18	.001	+154
PBEAM +19	19 NO	1.0 1	1980.000 1980.000		1470.00 1374.00		4515.0	+19A	+154 +154A	NO 0.	1.0	18.000	2500	130.90		+154A
+19A PBEAM +20	0. 20 NO			6900.0	1374.00		4375.5	+20 +20A	PBEAM +160	160 NO	2	30.000	.001	.001	.001	+160 +160A
+20A PBEAM	0. 21	1.		.0000	1167.00		4147.5	+21	+160A PBEAM	0. 161	1.	1980.000	.0000	9999.00	.001	+161
+21 +21A	NO 0.			.0000				+21A	+161 +161A	NO 0.	1.0	2970.000	.0000	9999.00		+161A
PBEAM +22	22 NO		1.		0960.00		3885.	+22 +22A	PBEAM +162	162 NO	2 1.0	2970.000 1782.000		9999.00 47.10	.001	+162 +162A
+22A PBEAM	0. 31	0.	200.000		99999.0	0	.01	+31	+162A PBEAM	0. 163	1. 2	1.080	.0000	121.33	.001	+163
+31 PBEAM	NO 32	1.0 1	197.000		99999.0		.01	+32	+163 +163A	NO 0.	1.0	1.080	.0000	99.73		+163A
+32 PBEAM	NO 33	1.0 2	200.000		99999.0		.01	+33	PBEAM +164	164 NO	2 1.0	1980.000 2970.000)	9999.00 9999.00	.001	+164 +164A
+33 PBEAM	NO 34	1.0 2	207.000		99999.0		.01	+34	+164A PBEAM	0. 165	1. 2	2970.000		9999.00	.001	+165
+34 PBEAM	NO 35	1.0 2	215.000		99999.0		.01	+35	+165 +165A	NO 0.	1.0	1980.000	.0000	9999.00	•••	+165A
+35 PBEAM	NO 36	1.0 2	219.000		99999.0		.01	+36	PBEAM +166	166 NO	1.0	.840 .678	1.	181.16 115.24	.001	+166 +166A
+36 PBEAM	NO 37	1.0 2	222,000		9999.00		.01	+37	+166A PBEAM	0. 167	1.	1980.000		9999.00	.001	+167
+37 PBEAM	NO 38	1.0	1188.00		251.45		.01	+38	+167 +167A	NO 0.	1.0	1980.00	.0000	9999.00		+167A
+38 PBEAM	NO 39	1.0	.950 4.140		49.35 323.80			+39	PBEAM +168	168 NO	2 1.0	1.400	1.	239.03 139.10	.001	+168 +168A
+39 PBEAM	NO 40	1.0	2.140 4.140	9999.0	123.20 284.10			+40	+168A PBEAM	0. 169	1. 2	4.200	.2400 1.	20.00	.001	+169
+40 PBEAM	NO 41	1.0	2.180 5.590		140.90 376.40			+41	+169 +169A	NO O.	1.0	3.210	.0000	20.00		+169A
+41 PBEAM	NO 42	1.0	2.834 3.942		124.70 379.30			+42	PBEAM +170	170 NO	2 1.0	3.210 3.300	1.	20.00	.001	+170 +170A
+42 PBEAM	NO 43	1.0	2.088 2.886		112.40 350.15			+43	+170A PBEAM	0. 171	1. 2	1980.00		9999.00	.001	+171
+43	NO		2.340		293.75				+171	NO	1.0	1980.00	0	9999.00		+171A

+171A	٥.	1.		.0000			1	PBEAM	1035	2	0.1134	1.	.241		+1035
PBEAM +172	172 NO	2	1.230	1.	84.87 57.12	.001	+172 +172A	+1035 +1035A	NO 0.	1.	0.0864	:270	.140		+1035A +1036
+172A PBEAM	0. 173	1.	1.125	.2063 1.	41.92	.001	+173	PBEAM +1036	1036 NO	2 1.	.371385 .208421		7.726 2.466		+1036A
+173 +173A	NO 0.	1.0	1.188	0541	46.53		+173A	+1036A PBEAM	1037	1.	0.0864	.562 1.	.140 .0759		+1037 +1037A
PBEAM +174	174 NO	2 1.0	.750 1.063	1.	12.63 23.78	.001	+174 +174A	+1037 +1037A	NO 0.	1.	0.54612	.303	5.551		+1038
+174A PBEAM	0. 175	1. 2	1059.30	3448 01.	9999.00	.001	+175	PBEAM +1038	1038 NO	2 1. 1.	0.58212	-6.39-2	5.807		+1038A
+175 +175A	NO 0.	1.0	B41.500	.0000	9999.00	001	+175A	+1038A PBEAM +1039	0. 1039 NO	2	0.19404 0.15936		4.814		+1039 +1039A
PBEAM +176	176 NO	2 1.0	75.000 79.000	1.	2.98 12.10	.001	+176 +176A	+1039A PBEAM	0. 1040	1.	0.15936	.196	2.212		+1040
+176A PBEAM	0. 177	1.	79.000	.0000 1.	12.10	.001	+177 +177A	+1040 +1040A	NO 0.	1.	0.1296	.206	.140		+1040A
+177 +177A	NO 0.	1.0	82.000 82.000	.0000	29.71	.001	+178	PBEAM +1041	1041 NO	2	0.216	1.	.233		+1041 +1041A
PBEAM +179	178 NO	1.0	85.000	.0000	29.71	••••	+178A	+1041A PBEAM	0.	1.	.1148	.419 1.	.239		+1043
+178A PBEAM +179	0. 179 NO	1. 2 1.0	85.000 90.000		46.06	.001	+179	+1043 +1043A	NO 0.	1.	.118531	~3.20-2			+1043A
PBEAM +180	180 NO	1.0	90.000	9999.0	46.06 31.90	.001	+180	PBEAM +1045	1045 NO	2 1.	0.02716 0.02891		3.2 0.119		+1045 +1045A
PBEAM +181	181 NO	2	990.000	1.	9999.00	.001	+181	+1045A PBEAM	0. 1046	2	.118531	-6.24-2 1.	.255		+1046
PBEAM +182	182 NO	2 1.0	990.000	1.	9999.00	.001	+182	+1046 +1046A	NO 0.	1.	.103033	.140	.193		+1046A +1047
PBEAM +1001	1001 No	2 1.	1.34778	1.	14.325 14.209		+1001 +1001A	PBEAM +1047	1047 NO	2	0.02568 0.02513		0.001		+1047A
+1001A PBEAM	0. 1002	1.	1.32951		14.209		+1002	+1047A PBEAM	0. 1048	1.	.103033 .082328	2.16-2 1.	.193 .123		+1048 +1048A
+1002 +1002A	NO 0.	1. 1.	1.23648	7.25-2	13.640		+1002A	+1048 +1048A	NO 0.	1.	.082328	.223	.637		+1049
PBEAM +1003	1003 No	2 1.	1.23648		13.640 12.836		+1003 +1003A	PBEAM +1049	1049 NO 0.	2 1. 1.	0.05289	.435	.953		+1049A
+1003A PBEAM	0. 1004	1.	1.09137		12.836		+1004	+1049A PBEAM +1050	1050 NO	2	12.9	1.	.952 .15		+1050 +1050A
+1004 +1004A	NO 0.	1.	0.85176	.247	11.727		+1004A +1005	+1050A PBEAM	0. 1051	1.	0.41616	1.266	4.768		+1051
PBEAM +1005	1005 NO	2 1. 1.	0.85176 0.57309	.391	11.727 10.782		+1005A	+1051 +1051A	NO 0.	1.	0.39888	4.24-2	4.214		+1051A
+1005A PBEAM +1007	0. 1007 NO	1. 2 1.	0.5201 0.5704	1.	4.137		+1007 +1007A	PBEAM +1052	1052 NO	2 1.	0.28808	1.	3.968 2.323		+1052 +1052A
+1007A PBEAM	0. 1009	1.	0.05068	-9.23-2			+1009	+1052A PBEAM	0. 1053	1.	0.22399	.250 1.	2.323		+1053
+1009 +1009A	NO 0.	1. 1.	0.05704	118			+1009A	+1053 +1053A	NO 0.	1.	0.13195	.517	.677		+1053A
PBEAM +1010	1010 NO	2	0.68448	1.	11.387 10.584		+1010 +1010A	PBEAM +1054	1054 NO	2 1.	10.15 2.3	1.	1.104		+1054 +1054A
+1010A PBEAM	0. 1011	1.	0.65988	3.66-2 1.	3.834		+1011	+1054A PBEAM	0. 1056	2		1.261	.112		+1056 +1056A
+1011 +1011A	NO 0.	1.	0.58224	.125	3.781		+1011A	+1056 +1056A	NO 0.	1.	.07868	-1.90-2			+1057
PBEAM +1012	1012 No	2 1.	0.4852 0.3817		2.985 3.085		+1012 +1012A	PBEAM +1057	1057 NO	1.	0.07868 0.06116	.251	.116 .0701		+1057A
+1012A PBEAM	0. 1013	1. 2	0.3817	.239 1.	4.113		+1013	+1057A PBEAM +1058	0. 1058 NO	1. 2 1.	0.06116		.587 .173		+1058 +1058A
+1013 +1013A	NO B.	1.	0.2527	.407	3.779		+1013A +1014	+1058A PBEAM	0. 1059	1.	8.3	.593 1.	.173		+1059
PBEAM +1014 +1014A	1014 NO 0.	2 1. 1.	1.24325	-5.26-2	37.764		+1014A	+1059 +1059A	NO 0.	1.	1.8	1.287	.15		+1059A
PBEAM +1015	1015 NO	2	1.24325	1.	35.291 36.787		+1015 +1015A	PBEAM +1060	1060 NO	2 1.	0.6004 0.513	1.	1.874 1.073	3.	+1060 +1060A
+1015A PBEAM	0. 1016	1.	1.0098	-1.52-2 1.	36.787		+1016	+1060A PBEAM	0. 1061	1.	0.513	.157	1.073	2.	+1061
+1016 +1016A	NO 0.	1. 1.	0.897	.118	28.514		+1016A	+1061 +1061A	NO 0.	1.	.2508	.687	.265		+1061A
PBEAM +1017	1017 NO	2 1.	0.897 0.7106	1.	28.514 17.378		+1017 +1017A	PBEAM +1062	1062 NO	2	6.6 1.5	1.	.249 .15		+1062 +1062A
+1017A PBEAM	0. 1018	1. 2	0.88825	.232 1.	17.378		+1018	+1062A PBEAM	0. 1071	1.	.563180 .456388	1.259 1.	30.125 12.840		+1071 +1071A
+1018 +1018A	NO 0.	1.	0.569	.438	7.448		+1018A +1020	+1071 +1071A PBEAM	NO 0. 1072	1. 1. 2	.682631	.209	8.277		+1072
PBEAM +1020		1.	.174168 .192741		2.924 3.774		+1020A	+1072 +1072A	МО	1.	.665175	2.59-2	7.859		+1072A
+1020A PBEAM +1022	1022 NO	2	.004037	1.	8.0		+1022 +1022A	PBEAM +1073	1073	2	.554312 .515704		7.859 6.811		+1073 +1073A
+1022A PBEAM		1.	.192741	152	3.774		+1023	+1073A PBEAM	0.	1.	.58975	7.15-2 1.	14.868		+1074
+1023 +1023A	NO	1.	.173225		1.931		+1023A	+1074 +1074A		1.	.531	.105	6.135		+1074A
	1024 NO	2 1.	.173225	1.	1.931 .991		+1024 +1024A	PBEAM +1075	NO	2 1.	.675834 .608902		32.711 25.555		+1075 +1075A
+1024A PBEAM	0. 1025	1.	.137473		.991		+1025	+1075A PBEAM	1076	2	.74152	1.104	3.66		+1076 +1076A
+1025 +1025A		1. 1.	.085198	.470	4.751		+1025A	+1076 +1076A		1.	.64649 0.59676	.137	10.312		+1077
PBEAM +1026		2 1.	0.53326 0.56896	i	4.915 4.995		+1026 +1026A	PBEAM +1077 +1077A	NO	2 1.	0.50976		2.256		+1077A
+1026A PBEAM	1027	1.	0.97536		4.995		+1027 +1027A	PBEAM		2	.531 .504625	1.	6.135 5.541		+1078 +1078A
+1027 +1027A	NO 0. 1028	1. 1. 2	.93792	3.91-2	4.858		+1028	+1078A PBEAM	0.	1.	0.52481	5.09-2	5,541		+1079
PBEAM +1028 +1028A	NO	1.	0.43652		2.292		+1028A	+1079 +1079A	NO 0.	1.	0.49517	5.81-2	4.933		+1079A
PBEAM +1029	1029 NO	2	0.12472	1.	2.292		+1029 +1029A	PBEAM +1080	1080 NO	2 1.	0.41899 0.36586	1.	4.933 6.161		+1080 +1080A
+1029A PBEAM		1.	.602006	.511 5 1.	12.135		+1031	+1080A PBEAM	1081	1.	.902630		30.774		+1081
+1031 +1031A	NO 0.	1. 1.	.638206	-5.84-2	13.539 2		+1031A	+1081 +1081A	0.	1.	.842997	6.83-2	31.687		+1081A +1082
PBEAM +1033	1033 NO	2 1.	0.0327 0.0352	5	5.4 0.529		+1033 +1033A	PBEAM +1082	NO	2 1.	.756112 .694238		9.525 19.190		+1082 +1082A
+1033A PBEAM	1034	1. 2	.46190		13.539		+1034	+1082A PBEAM +1083		1. 2 1.	0.90882	1.	14.949 2.210		+1083 +1083A
+1034 +1034A		1.	.371389	.217	8.407		+1034A	+1083 +1083A		1.	0.04010	7.14-2			

				0.700	+1084	PBEA	.M 1	122	2	0.23987	1.	.388		+1122
PBEAM +1084	1084 NO	2 1.	0.9402 1. 0.8128	2.762 2.065	+1084A	+112	2 1	10	1.	0.2193	8.96-2	.324		+1122A
+1084A PBEAM	0. 1085	1.	.145 0.48768 1.	2.242 2.251	+1085 +1085A	PBEA +112	M I	123	2	2.193 1.7255	1.	0.577 0.319		+1123 +1123A
+1085 +1085A	NO 0.	1.	0.39912 .200 0.73172 1.	4.425	+1086		3A ().	1.	1.7255	.239	0.319		+1124
PBEAM +1086 +1086A	1086 NO 0.	2 1. 1.	0.7194	4.277	+1086A	+112	4 1	io	1.	1.411	.201	0.186		+1124A
PBEAM +1087	1087 NO	2	0.7194 1. 0.66748	4.277 3.682	+1087 +1087A	PBEA +112	M 1	125 10	2	1.411	1.	0.186 0.37		+1125 +1125A
+1087A PBEAM	0. 1088	1.	7.49-2 0.48544 1.	3.682	+1088	+112 PBEA	M 1		1.	0.290	.228 1.	.15		+1126
+1088 +1088A	NO 0.	1.	0.448	3.136	+1088A	+112	6A (10).	1.	0.230	.231			+1126A
PBEAM +1089	1089 NO	2	0.616 1. 0.59752	3.136 2.951	+1089 +1089A	PBEA +112	7	127 io	1.	0.230 0.180	1.	.15		+1127 +1127A
+1089A PBEAM	0. 1090	1.	3.05-2 0.59752 1.	3.319	+1090	+112 PBEA	M :	1128	1.	0.180	.244	.15		+1126 +1128A
+1090 +1090A	NO 0.	1. 1.	0.56496 5.60-2	2.968	+1090A	+112	8A (10). [131	1. 1. 2	0.150	.182	2.334		+1131
PBEAM +1091	1091 NO	2 1.	.964044 1. .900046	26.163 33.946	+1091 +1091A	PBEA +113 +113	1 1	10	1.0	41.600	502	4.497		+1131A
+1091A PBEAM	0. 1092	1.	6.87-2	8.240	+1092 +1092A	PBEA +113	MM 1	132	2 1.0	22.300 43.800	1.	1.258 6.091		+1132 +1132A
+1092 +1092A	NO 0.	1. 1. 2	.740025 7.86-2 0.9867 1.	7.040 3.017	+1093	+113 PBEA	2A (133	1.		651 1.	6.091	.001	+1133
PBEAM +1093 +1093A	1093 NO 0.	1.	0.9295	2.678	+1093A	+113 +113	3 1	€0).	1.0	46.400	058	8.843		+1133A
PBEAM +1094	1094 NO	2	0.7605 1. 0.70344	2.231 1.909	+1094 +1094A	PBEA +113	4 1	134 10	2 1.	46.4 50.68	100.	13.5	10.	+1134 +1134A
+1094A PBEAM	0. 1095	1.	7.80-2 0.62528 1.	2.245	+1095	+113 PBEA	M I	1135	1.	20.300	-8.82-2 1.	1.601		+1135 +1135A
+1095 +1095A	NO 0.	1.	0.56416	5.554	+1095A	+113	5A (10).	1.0	39.600 17.900	644 1.	1.469		+1136
PBEAM +1096	1096 NO	2 1.	1.12832 1.	3.720 3.138	+1096 +1096A	PBEA +113 +113	6 1	1136 10).	2 1.0 1.	35.300	654	4.849		+1136A
+1096A PBEAM	0. 1097	1.	8.64-2 0.58212 1.	.9936	+1097 +1097A	PBEA +113	M I	137	2	35.300 39.910	1.	4.849 7.360	.001	+1137 +1137A
+1097 +1097A	NO 0.	1.	0.52038 .112 0.46256 1.	.794	+1098	+113 PBEA	37A (). 1138	1.	39.91	123 100.	10.5	10.	+1138
PBEAM +1098 +1098A	1098 NO 0.	2 1. 1.	0.41088	.692	+1098A	+113 +113	B 1	10).	1.	40.37	-1.15-2			+1138A
PBEAM +1099	1099 NO	2	0.56496 1. 0.50864	2.968 3.405	+1099 +1099A	PBEA +113	M :	1139 NO	2 1.0	15.900 31.800	1.	1.286 4.283		+1139 +1139A
+1099A PBEAM	0. 1100	1.	.105 0.32368 1.	2.951	+1100	+113 PBEA	M :). L140	1.		667 1.	.836		+1140
+1100 +1100A	NO 0.	1.	0.2702	1.360	+1100A	+114	10A (40).	1.0	28.200	673	2.827	.001	+1140A +1141
PBEAM +1101	1101 NO	2 1.	0.2895 1. 0.237	1.434 1.561	+1101 +1101A	PBEA +114	11 1	1141	1.0	28.200 32.160	1. 131	2.827 4.634	-001	+1141A
+1101A PBEAM	0. 1102	1. 2	.199 .803494 1.	19.105	+1102 +1102A	+114 PBEA +114	AM :	0. L142 NO	1. 2 1.	32.16 32.70	100.	7.94	10.	+1142 +1142A
+1102 +1102A	NO 0.	1.	.756148 6.07-2 .868368 1.	18.318 3.7	+1102K	+114 PBEA	12A (1.	12.800	-1.67-2	.537		+1143
PBEAM +1103 +1103A	1103 NO 0.	2 1. 1.	.808308 7.16-2	3.656	+1103A	+114	13 1	NO).	1.0	26.050	682	1.860		+1143A
PBEAM +1104	1104 NO	2	0.56848 1. 0.53648	7.616 2.977	+1104 +1104A	PBEA +114	AM :	1144 NO	2 1.0	11.190 23.000	1.	.541 1.894		+1144 +1144A
+1104A PBEAM	0. 1105	1.	5.79-2 0.53648 1.	1.985	+1105	+114 PBEA	M :). 1145	1. 2	23.000	691 1.	1.894	.001	+1145
+1105 +1105A	NO 0.	1. 1.	0.49888 7.26-2		+1105A	+114	15A I	NO 0.	1.0	25.560	105	3.414	10.	+1145A +1146
PBEAM +1106	1106 NO	2 1.	0.49888 1. 0.4536	2.217 2.014	+1106 +1106A	PBEA +114	16 1	1146 NO D.	2 1. 1.	25.56 27.16	100. -6.070-	6.5	10.	+1146A
+1106A PBEAM	0. 1107	1.	9.51-2 0.70875 1. 0.664	2.009	+1107 +1107A	+114 PBEA +114	AM :	1147 NO	1.0	9.060 19.800	1.	.492 1.700		+1147 +1147A
+1107 +1107A PBEAM	NO 0. 1108	1. 1. 2	6.52-2 0.3984 1.	1.764	+1108	+114 PBEA	7A (1148	1.	7.640	744 1.	.210		+1148
+1108 +1108A	NO 0.	1.	0.37695 5.53-2	.600	+1108A	+114	8 I		1.0	17.500	784	.929		+1148A
PBEAM +1109	1109 NO	2	0.37695 1. 0.3324	.600 1.367	+1109 +1109A	PBE#	19 1	1149 NO	1.0	17.500 18.620	1.	.929 1.942	.001	+1149 +1149A
+1109A PBEAM		1.	.126 0.35456 1.	1.367	+1110	+114 PBEA	AM :	0. 1150	2	18.62	062 100.	4.32	10.	+1150 +1150A
+1110 +1110A		1.	0.31472	.368	+1110A +1111		50A		1. 1. 2	19.3 7.100	-3.59-2	.042		+1151
PBEAM +1111	NO	1.	0.15736 1. 0.1264 _218	.242 1.156	+1111A	+119		NO	1.0	16.900	817	.269		+1151A
+1111A PBEAM +1112	1112	1. 2 1.	0.1728 1. 0.16064	.303 .262	+1112 +1112A		AM :		2 1.0	22.300		1.150 1.440		+1152 +1152A
+1112A PBEAM	0.	1.	7.29-2 0.16064 1.		+1113	+115	52A Am		1.	20.300	110 1.	.870		+1153
+1113 +1113A	Ю	1.	0.13784	.163	+1113A	+115	53 : 53A	0.	1.0	22.300	094	1.150		+1153A
PBEAM +1114		2 1.	0.13784 1. 0.12232	.148 .117	+1114 +1114A	+115		NO	1.0	17.900 20.300	1.	.630 .870		+1154 +1154A
+1114A PBEAM	1115	1. 2	0.12232 1.	.117	+1115	PBE	54A AM 55	1155	1. 2 1.0	15.900 17.900	126 1.	.470 .630		+1155 +1155A
+1115 +1115A	0.	1.	0.108	.991	+1115A +1116	+115	55A AM	0.	1.	14.000	118 1.	.340		+1156
PBEAM +1116	NO	2 1. 1.	.337714 1. .312716 7.69-2	19.909 19.868	+1116A	+11	56 : 56A	NO	1.0	15.900	127	.470		+1156A
+1116A PBEAM +1117		2	0.85918 1. 0.77384	3.590 3.626	+1117 +1117A	PBE.	AM 57	1157 NO	2	12.800 14.000	1.	.260 .340		+1157 +1157A
+1117A PBEAM	0.	1.	.105 0.54624 1.	6.20	+1118	PBE	57A AM	1158	1.	11.190	090 1.	.280		+1158
+1118 +1118A	NO 0.	1. 1.	0.49872 9.10-2		+1118A	+11!	58A	NO 0.	1.0	12.800	134	.260		+1158A +1159
PBEAM +1119	1119 NO	2 1.	0.39482 1. 0.35112	1.371 1.197	+1119 +1119A	+11		NO	1.0	9.060 11.190	1. 210	.280		+1159 +1159A
+1119A PBEAM	1120	1.	.117 0.31416 1.	1.796	+1120 +1120A	+11: PBE: +11:		0. 1160 No	1. 2 1.0	7.610 9.060	1.	.170 .260		+1160 +1160A
+1120 +1120A		1. 1. 2	0.27047 .149 0.36593 1.	1.622	+1121	+11	60A AM	0.	1.	7.100	170 1.	.120		+1161
PBEAM +1121 +1121A	NO	1.	0.32453	.448	+1121A	+11	61 61 A	NO	1.0	7.640	073	.170		+1161A

PBEAM	1162	2	43.800	1.	5.189		+1162	PBEAM +1209	1209 NO	2 1.0	12.820 10.280	1.	1.20000	.265	+1209 +1209A
+1162 +1162A PBEAM	NO 0. 1163	1.0 1. 2	41.600 39.600	.052 1.	5.636 4.049		+1162A +1163	+1209A PBEAM	0. 1210	1.	10.280	.2199 1.	.07100	.265	+1210 +1210A
+1163 +1163A PBEAM	NO 0. 1164	1.0	43.800	101 1.	5.170 3.053		+1163A +1164	+1210 +1210A PBEAM	NO 0. 1211	1.0 1. 2	6.960	.3852 1.	.02500	.265	+1211
+1164 +1164A	NO 0.	1.0	39.600	115	4.049 2.364		+1164A +1165	+1211 +1211A PBEAM	NO 0. 1212	1.0 1. 2	3.640 0.7055	.6264 100.	0.32	.001	+1211A +1212
PBEAM +1165 +1165A	1165 NO 0.	2 1.0 1.	35.300	1. 104	3.040		+1165A	+1212 +1212A	NO 0.	1.	0.63	.113	.70000	.265	+1212A +1213
PBEAM +1166 +1166A	1166 NO 0.	2 1.0 1.	28.200 31.800	1. 120	1.762		+1166 +1166A	PBEAM +1213 +1213A	1213 NO 0.	2 1.0 1.	12.600 11.690	.0749	.70000		+1213A
PBEAM +1167	1167 NO	2 1.0	26.050 28.200	1.	1.444		+1167 +1167A	PBEAM +1214 +1214A	1214 NO 0.	2 1.0 1.	11.690 9.420	.2151	.70000 .05530	.265	+1214 +1214A
+1167A PBEAM +1168	0. 1168 NO	1. 2 1.0	23.000 26.050	079 1.	1.274 1.431		+1168 +1168A	PBEAM +1215	1215 NO	2 1.0	9.420 6.360	.3878	.05530 .01900	.265	+1215 +1215A
+1168A PBEAM +1169	0. 1169 NO	1. 2 1.0	19.800	1.	1.019 1.269		+1169 +1169A	+1215A PBEAM +1216	0. 1216 No	1. 2 1.0	6.360 3.330	1.	.01900	.265	+1216 +1216A
+1169A PBEAM	0. 1170 NO	1. 2 1.0	17.500 19.800	150 1.	.706 1.007		+1170 +1170A	+1216A PBEAM +1217	0. 1217 NO	1. 2 1.0	11.400 10.620	.6254 1.	.40000	.265	+1217 +1217A
+1170 +1170A PBEAM	0. 1171	1.	16.900	123 1.	.588		+1171	+1217A PBEAM +1218	0. 1218 NO	1. 2 1.0	10.620 8.570	.0708 1.	.40000 .01970	.265	+1218 +1218A
+1171 +1171A PBEAM	NO 0. 1181	1.0	17.500	035 100.	.709 4.328	.001	+1171A +1181	+1218A PBEAM	0. 1219	1.	8.570	.2137 1.	.01970	.265	+1219 +1219A
+1161 +1181A PBEAM	NO 0. 1182	1. 1. 2	1.604	984 1.	10.953 75.00000	.265	+1181A +1182	+1219 +1219A PBEAM	N≎ 0. 1220	1.0	5.750 5.750	.3939 1.	.00760	.265	+1220
+1182 +1182A	NO 0.	1.0	1.365	.1611	70.00000	. 265	+1182A +1183	+1220 +1220A PBEAM	NO 0. 1231	1.0 1. 2	2.990	.6316 1.	.00130 2.20872	3.000	+1220A +1231
PBEAM +1183 +1183A	1183 NO 0.	2 1.0 1.	68.240 53.180	.2481	70.00000 18.30000		+1183A	+1231 +1231A	NO 0.	1.0	.614	-1.0587	25.02095		+1231A +1232
PBEAM +1184 +1184A	1184 NO 0.	2 1.0 1.	1.064 .715	.3923	18.30000 5.30000	.265	+1184 +1184A	PBEAM +1232 +1232A	1232 NO 0.	2 1.0 1.	.280 .315	1. 1169	1.74280 2.20872	2.000	+1232A
PBEAM +1185	1185 NO	2 1.0	.715 .370	1.	5.30000 .65000	.265	+1185 +1185A	PBEAM +1233 +1233A	1233 NO 0.	2 1.0 1.	.152 .168	1. 1018	1.15839	.900	+1233 +1233A
+1185A PBEAM +1186	0. 1186 NO	1. 2 1.0	22.130 21.000	.6362 1.	7.00000 7.00000	.265	+1186 +1186A	PBEAM +1234	1234 NO	2 1.0	.226 .253	1. 1127	.74641 .93783	.700	+1234 +1234A
+1186A PBEAM +1187	0. 1187 NO	1. 2 1.0	21.000 16.200	.0524 1.	7.00000 .95000	.265	+1187 +1187A	+1234A PBEAM +1235	0. 1235 NO	1. 2 1.0	.125 .136	1.	.55802 .65330	.400	+1235 +1235A
+1187A PBEAM +1188	0. 1188 NO	1. 2 1.0	16.200 10.900	.2581 1.	.95000 .30000	.265	+1188 +1188A	+1235A PBEAM +1236	0. 1236 NO	1. 2 1.0	.115	0779 1.	.40738 .48321	.300	+1236 +1236A
+1188A PBEAM	0. 1189	1.	10.900	.3911 1.	.30000	.265	+1189 +1189A	+1236A PBEAM +1237	0. 1237 NO	1. 2 1.0	.175 .192	0837 1.	.28956 .34903	.150	+1237 +1237A
+1189 +1189A PBEAM	NO 0. 1190	1.0 1. 2	5.690 3.414	.6281 100.	.04000	.001	+1190	+1237A PBEAM	0. 1238	1. 2 1.0	.096	0922 1.	.20137	.075	+1238 +1238A
+1190 +1190A PBEAM	NO 0. 1191	1. 1. 2	2.802 18.680	.197 1.	1.0 5.80000	.265	+1190A +1191	+1238 +1238A PBEAM	NO 0. 1241	1.	16.200	0959 1.	.01850	3.000	+1241
+1191 +1191A PBEAM	NO 0. 1192	1.0 1. 2	18.680	.0000	5.80000	.265	+1191A +1192	+1241 +1241A PBEAM	NO 0. 1242	1.0 1. 2	53.180	-1.0660 1.	.01400	2.000	+1241A +1242
+1192 +1192A	NO 0. 1193	1.0	14.740	.2358 I.	.28300	.265	+1192A +1193	+1242 +1242A PBEAM	NO 0. 1243	1.0	16.200	0944 1.	.01850	.900	+1242A +1243
PBEAM +1193 +1193A	NO 0.	1.0	9.990	.3841	.09600		+1193A	+1243 +1243A PBEAM	NO 0. 1244	1.0	14.740 13.370	0975 1.	.01400	.700	+1243A +1244
PBEAM +1194 +1194A	1194 NO 0.	2 1.0 1.	9.990 5.250	.6220	.09600 .01400	.265	+1194 +1194A	+1244 +1244A	NO 0.	1.0	13.370	.0000	.00940		+1244A
PBEAM +1195 +1195A	1195 NO 0.	2 1.0 1.	35.960 33.740	.0637	5.14100 5.13000	.265	+1195 +1195A	PBEAM +1245 +1245A	1245 NO 0.	2 1.0 1.	11.130 13.370	1.	.00450	.400	+1245 +1245A
PBEAM +1196	1196 NO 0.	1.0	33.740 26.740	1.	5.13000 .22400	.265	+1196 +1196A	PBEAM +1246 +1246A	1246 NO 0.	2 1.0 1.	10.280 11.130	1. 0794	.00330 .00450	.300	+1246 +1246A
+1196A PBEAM +1197	1197 NO	2 1.0	26.740 18.100	1.	.22400 .07510	.265	+1197 +1197A	PBEAM +1247 +1247A	1247 NO 0.	2 1.0 1.	9.420 10.280	1. 0873	.00210 .00330	.150	+1247 +1247A
+1197A FBEAM +1198	0. 1198 NO	1. 2 1.0	18.100 9.500		.07510 .01143	.265	+1198 +1198A	PBEAM +1248	1248 NO	2 1.0	8.570 9.420	1.	.00150 .00210	.075	+1248 +1248A
	0. 1199 NO	1. 2 1.	0.924 0.7535	.6232 100.	0.32 0.25	.001	+1199 +1199A	+1248A PBEAM +1251	0. 1251 No	1. 2 1.0	10.900 35.740	0945 1.	.00604	3.000	+1251 +1251A
+1199A PBEAM	0. 1200	1.	15.070 15.070	.203 1.	3.20000 3.20000	.265	+1200 +1200A	+1251A PBEAM +1252	0. 1252 NO	1. 2 1.0	9.990 10.900	-1.0652 1.	.00460	2.000	+1252 +1252A
+1200 +1200A PBEAM	NO 0. 1201	1.0	15.070	.0000 1.	3.20000	.265	+1201	+1252A PBEAM +1253		1. 2 1.0	9.050 9.990	0871 1.	.00315 .00460	.900	+1253 +1253A
+1201 +1201A PBEAM	NO 0. 1202	1.0	13.370	.1195 1.	.17300	.265	+1201A +1202	+1253A PBEAM	0. 1254	1.	8.120	0987 1.	.00232	.700	+1254 +1254A
+1202 +1202A PBEAM	NO 0. 1203	1.0	8.120 8.120	.4886 1.	.05600	.265	+1202A +1203	+1254 +1254A PBEAM	1255	1.0 1. 2	9.050 7.530	1083 1.	.00315	.400	+1255
+1203 +1203A	NO 0.	1.0	4.260 15.940	.6236 1.	2.00000	.265	+1203A +1204	+1255 +1255A PBEAM	NO 0. 1256	1.0 1. 2	8.120 6.960	0754 1.	.00232	.300	+1255A +1256
PBEAM +1204 +1204A		1.0	13.940	.1339	2.00000		+1204A +1205	+1256 +1256A PBEAM	NO	1.0 1. 2	7.530 6.360	0787 1.	.00149	.150	+1256A +1257
PBEAM +1205 +1205A	1205 NO 0.	2 1.0 1.	13.940 11.130	1.	2.00000	.265	+1205A	+1257 +1257A	NO 0.	1.0	6.960	0901	.00112		+1257A +1258
PBEAM +1206 +1206A	1206 NO	2 1.0 1.	11.130 7.530	1.	.10800 .03700	.265	+1206 +1206A	PBEAM +1258 +1258A		2 1.0 1.	5.750 6.360	1. 1007	.00049	.075	+1258A
PBEAM +1207	1207 NO	1.0	7.530 3.950	1.	.03700 .00580	.265	+1207 +1207A	PBEAM +1261 +1261A	1261 NO 0.	1.0 1.	5.690 18.490	1. -1.0587	.01210	3.000	+1261 +1261A
+1207A PBEAM +1208	1208 NO	2 1.0	12.820 12.820	1.	1.20000 1.20000	.265	+1208 +1208A	PBEAM +1262 +1262A	1262 NO	2 1.0 1.	5.250 5.690	1.	.00068	2.000	+1262 +1262A
+1208A	0.	1.		.0000											

														001	+2055
PBEAM	1263	2	4.750	1.	.00047	.900	+1263 +1263A	PBEAM +2055	2055 NO	2 1.	105.994 92.900	1.	.914 .632	.001	
+1263 +1263A	NO 0.	1.0	5.250	1000				PBEAM	2056	2	92.900 79.720	1.	.632 .350	.001	+2056
PBEAM +1264	1264 NO	2 1.0	4.260	1.	.00035	.700	+1264 +1264A	+2056 PBEAM	NO 2057	1. 2	79.720	1.	.310	.001	+2057
+1264A	0.	1.		1088		***	+1265	+2057 PBEAM	NO 2058	1.	64.600 64.600	1.	.204	.001	+2058
PBEAM +1265	1265 NO	2 1.0	3.950 4.260	1.	.00023	.400	+1265A	+2058	NO	1.	49.451	1.	.099		
+1265A	0.	1.		0755		.300	+1266	PBEAM +3026P	3026 NO	2 1.	1.896 4.92	1000.	10.	.001	+3026P +3026PA
PBEAM +1266	1266 NO	2 1.0	3.640 3.950	1.	.00017	.300	+1266A	+3026P.	A 0.	1.		-0.887		001	+3027P
+1266A	0.	1.		0817 1.	.00011	.150	+1267	PBEAM +3027P	3027 NO	2 1.	0.3 0.123	1000.	10.	.001	+3027PA
PBEAM +1267	1267 No	2 1.0	3.330 3.640		.00017	.130	+1267A	+3027P	A 0.	1.	22	0.837 1000.	10.	.001	+3028P
+1267A PBEAM	0. 1268	1.	2.990	0890 1.	.00008	.075	+1268	PBEAM +3028P	3028 NO	2 1.	22. 41.		10.	.001	+3028PA
+1268	NO	1.0	3.330		.00011		+1268A	+3028P	A 0. 3029	1.	22.	-0.603 1000.	10.	.001	+3029P
+1268A PBEAM	0. 2001	1.	2038.95	1076 91.	2.060	.001	+2001	+3029P	NO	1.					
+2001	NO	1.	3806.70		19.530	.001	+2002	PBEAM +3030P	3030 NO	2 1.	41.	1000.	10.	.001	+3030P
PBEAM +2002	2002 NO	2 1.	3806.70 5574.42		19.530 37.000			PBEAM	3031	2	41.	1000.	10.	.001	+3031P
PBEAM	2003 NO	2 1.	5574.42 3618.90		37.000 18.660	.001	+2003	+3031P PBEAM	NO 3032	1.	41.	1000.	10.	0.	+30329
+2003 PBEAM	2004	2	3618.90	01.	18.660	.001	+2004	+3032P PBEAM	NO 3081	1.	23.11	999.	.01	.01	+3081P
+2004 PBEAM	NO 2005	1.	1663.33		.320 1.290	.001	+2005	+3081P		1.	100.	377.	.01		+3081PA
+2005	NO	1.	3214.80	01.	10.645	.001	+2006	+3081P. PBEAM	A 3082	2	-1.249 100.	999.	.01	.01	+3082P
PBEAM +2006	2006 No	2 1.	3214.80 4999.99		10.645 20.000			+3082P	NO	ĩ.	22.11				+3082PA
PBEAM	2007 NO	2 1.	4999.99		20.000 11.600	.001	+2007	+3082P. PBEAM	A 3083	2	1.276 100.	999.	.01	.01	+3083P
+2007 PBEAM	2008	2	3331.66	51.	11.600	.001	+2008	+3083P		1.					+3083PA
+2008 PBEAM	NO 2009	1.	1663.33		3.200 .770	.001	+2009	+3083P. PBEAM	3085	2	100.	999.	.01	.01	+3095P
+2009	NO	1.	2357.64	01.	.485		+2010	+3085P +3085P		.001					+3085PA
PBEAM +2010	2010 NO	2 1.	2357.64 3597.39		.485 .200	.001	42010	PBEAM	3087	2	22.	.001	26.89	.001	+3087P +3087PA
PBEAM	2011	2	3597.39 2467.53	91.	.200 .650	.001	+2011	+30879 +30879		1. 1.					+308/FA
+2011 PBEAM	NO 2012	1. 2	2467.53	01.	.650	.001	+2012	PBEAM	3088	2	22.	.001	999.	.001	+3088F +3088PA
+2012 PBEAM	NO 2013	1.	1337.66 859.140		1.100	.001	+2013	+3088P +3088P	NO A .001	1.					
+2013	NO	1.	1864.80	01.	.247	.001	+2014	PBEAM +3089P	3089	2 1.	22.	.001	10.	.001	+3089P +3089PA
PBEAM +2014	2014 NO	2 1.	1864.80 2870.52		.247	.001	+2014	+3089P.	A .001	1.					
PBEAM	2015	2	2870.52 1965.23	71.	.200 .470	.001	+2015	PBEAM +3090P	3090 NO	2 1.	3.3 .726	.001	5.88	4.5	+3090P +3090PA
+2015 PBEAM	NO 2016	1. 2	1965.23	31.	.470	.001	+2016	+3090P	A .001	1.	.726	1.279	5.38	4.5	+3091F
+2016 PBEAM	NO 2017	1. 2	1059.93 617.482		.740	.001	+2017	FBEAM +3091P	3091 NO	2 1.	. 720	.001	3.00	***	+3091PA
+2017	NO	1.	1398.20	01.	.104	.001	+2018	+3091P. PBEAM	A .001 3092	1.	.726	.001	16.17	15.	+3092P
PBEAM +2018	2018 NO	2 1.	1398.20 2178.81	91.	.100			+3092P	NO	1.					+3092PA
PBEAM +2019	2019 NO	2 1.	2178.81 1488.00	191.	.100	.001	+2019	+3092P PBEAM	3093	1. 2	.726	.001	5.88	4.5	+3093P
PBEAM	2020	2	1488.00	01.	.120	.001	+2020	+3093P +3093P		1. 1.	3.3	-1.279			+3093PA
+2020 PBEAM	NO 2021	1. 2	797.200 454.845		.140 .100	.001	+2021	PBEAM	3094	2	100.	10.21	.001	.01	+3094P +3094PA
+2021 PBEAM	NO 2022	1.	832.800		.110	.001	+2022	+3094P +3094P		1. .001					
+2022	NO	1.	1210.78	81.	.120	.001	+2023	PBEAM +3095P	3095 NO	2 1.	100.	80.	.001	.01	+3095P +3095PA
PBEAM +2023	2023 NO	2 1.	1210.78 852.600	1.	.126			+3095P	A 1.	.001			001	.01	+3096P
PBEAM +2024	2024 NO	2 1.	852.600 494.505		.126 .131	.001	+2024	PBEAM +3096P	3096 NO	2 1.	100.	10.21	.001	.01	+3096PA
PBEAM	2031	2	203.896	5 1.	44.200	.001	+2031	+3096P	A 1. 3097	.001 2	100.	333.	.1	.01	+3097P
+2031 PBEAM	NO 2032	1. 2	173.400		22.970 22.970	.001	+2032	+3097P	NO	1.					+3098P
+2032 PBEAM	NO 2033	1. 2	142.957		1.740	.001	+2033	PBEAM +3098P	3098 NO	2 1.	22. 100.	333.	.001	.01	
+2033	NO	1.	127.400	1.	1.339	.001	+2034	PBEAM +3099F	3099 NO	2 1.	100.	333.	.1	-01	+3099P
PBEAM +2034	2034 NO	2 1.	127.400		1.339 .937	.001		PBEAM	3100	2	100.	999.	999.	20.	+3100P
PBEAM +2035	2035 NO	2 1.	111.788 98.900		.937 .714	.001	+2035	+3100P PBEAM	NO 3391	1. 2	60.	99999.	99999.	.01	+3391P
PBEAM	2036	2	98.900	1.	.714	.001	+2036	+3391P	NO	1.	60.	99999.	99999.	.01	+3405P
+2036 PBEAM	NO 2037	1.	85.914 85.914	1.	.490 .490	.001	+2037	PBEAM +3405P	3405 NO	ī.					
+2037	NO	1.	73.800 73.800	1.	.395	.001	+2038	PBEAM +3407P	3407 NO	2 1.	60.	99999.	30.11	.01	+3407₽
PBEAM +2038	2038 NO	2 1.	61.748	1.	.300			PBEAM	3409	2	60.	99999.	99999.	249750.	+3409P
PBEAM +2039	2039 NO	2 1.	61.748 53.600		.300 .205	.001	+2039	+3409P PBEAM	5002	1.	-920		606.050	640.	+5002
PBEAM	2040	2	53.600	1.	.205	.001	+2040	+5002 +5002A	NO.	1.0		896.000	655.500		+5002A
+2040 PBEAM	NO 2041	1.	45.484 557.442	2 1.	.110 61.000	.001	+2041	PBEAM	5051	2	4.140		003625.000	5250.	+5051 +5051A
+2041 PBEAM	NO 2042	1.	528.70		34.500 34.500	.001	+2042	+5051 +5051A	NO 0.	1.0			004172.000		
+2042	NO	1.	500.00	1.	8.000		+2043	PBEAM +5052	5052 NO	2 1.0	4.140		004172.000	5250.	+5052 +5052A
PBEAM +2043	2043 NO	2 1.	429.90	1.	2.100 1.750	.001		+5052A	٥.	1.				5250	+5053
PBEAM	2044 NO	2 1.	429.900 359.740		1.750 1.400	.001	+2044	PBEAM +5053	5053 NO	2 1.0	4.140		004245.000	5250.	+5053A
+2044 PBEAM	2045	2	359.74	0 1.	1.400	.001	+2045	+5053A PLOTEL	0.	1. 283	407				
+2045 PBEAM	NO 2046	1.	323.40		1.300 1.300	.001	+2046	PLOTEL	26	281	409				
+2046	NO	1.	287.05 287.05		1.200	.001	+2047	PSHEAR	1 71 1 72	2	.0611	,			
PBEAM +2047	2047 NO	1.	252.50	0 1.	.860			PSHEAR PSHEAR	73	2 2	.071675	;			
PBEAM +2048	2048 NO	2 1.	252.50 217.88		.860 .520	.001	+2048	PSHEAR	75	2	.0611				
PBEAM	2049 NO	2	217.88	2 1.	.520 .323	.001	+2049	PSHEAF PSHEAF		2 1	.055812	<u>′</u>			
+2049 PBEAM	2050	1.	169.50	0 1.	.323	.001	+2050	PSHEAF	202	1	.1570 .1347				
+2050 PBEAM	NO 2051	1. 2	121.07 166.33		.125 34.600	.001	+2051	PSHEAF PSHEAF	204	1	.01775				
+2051	NO	1.	150.00 150.00	0 1.	18.200 18.200	.001	+2052	PSHEAF PSHEAF		2 2	.0382				
PBEAM +2052	2052 NO	2 1.	133.80	0 1.	1.860			PSHEAR	650	2	.0382				
PBEAM +2053	2053 NO	2 1.	133.80		1.840 1.430	.001	+2053	PSHEAF PSHEAF	652	1	.042				
PBEAM	2054	2	119.90	0 1.	1.430 1.021	.001	+2054	PSHEAR		1	.042 .04225				
+2054	NO	1.	105.99	- 4.	2.021			,		-					

PSHEAR		1	.042			Ì	RBAR RBAR	115 116	94 94	1094 2094	123456 123456	123 123
PSHEAR		1	.0425			į	RBAR	117	114	1114	123456	123
PSHEAR PSHEAR	657 658	1	.04275			l	RBAR	118	114	2114	123456	123
PSHEAR	659	ī	.090			ł	RBAR	119	121	1121	123456	123 123
PSHEAR	660	1	.0635 .20942			i	RBAR RBAR	120 121	121 34	2121 35	123456 123456	123
PSHEAR PSHELL	3105 601	2 601	.240			1	RBAR	122	40	41	123456	123
PSHELL	602	601	.296			l	RBAR	123	48	49 58	123456 123456	123 123
PSHELL	603	601	.368			Ì	RBAR RBAR	124 125	57 69	70	123456	123
PSHELL PSHELL	604 605	601 601	.378			Ì	RBAR	126	82	83	123456	123
PSHELL	606	606	.247				RBAR	127	115	116	123456	123 123
PSHELL	607	606	.252				RBAR RBAR	128 129	33 39	31 37	123456 123456	123
PSHELL PSHELL	608 609	606 606	.341				RBAR	130	47	45	123456	
PSHELL		606	.410				RBAR	131	56	54	123456	
PSHELL		606	.279			į	RBAR RBAR	132 133	68 81	66 121	123456 123456	123
PSHELL PSHELL		5 5	.252 .323				RBAR	215	275	1275	123456	123
PSHELL	614	5	.384			1	RBAR	216	275	2275	123456	123
PSHELL	615	5	.313			Į	RBAR RBAR	217 218	276 276	1276 2276	123456 123456	123 123
PSHELL	616	5	.234				RBAR	219	280	1280	123456	123
PSHELL PSHELL	617 618	5 5	.275			i	RBAR	220	280	2280	123456	123
	619	5	.292				RBAR	221 222	290 290	1290 2290	123456 123456	123 123
PSHELL	620	5 5	.271 .210				RBAR RBAR	223	292	1292	123456	123
PSHELL PSHELL	621 622	5	.267			i	RBAR	224	292	2292	123456	123
PSHELL	623	5	.271				RBAR	225	293 293	1293 2293	123456 123456	123 123
PSHELL	624	5	.253 .194			}	RBAR RBAR	226 227	464	1464	123456	123
PSHELL PSHELL	625 626	5 5	.255			1	RBAR	228	464	2464	123456	123
PSHELL	627	5	.245				RBAR	229	465	1465 2465	123456 123456	123 123
PSHELL		5	.245			1	RBAR RBAR	230 231	465 466	1466	123456	123
PSHELL PSHELL		5 5	.195 .187			1	RBAR	232	466	2466	123456	123
PSHELL	631	5	.187				RBAR	233	467	1467	123456 123456	123 123
PSHELL		5 5	.226 .226				RBAR RBAR	234 235	467 293	2467 294	123456	123
PSHELL PSHELL	633 634	5	.191				RBAR	236	290	291	123456	123
PSHELL	635	5	.191				RBAR	237	276	277	123456 123456	123 12456
PSHELL	636	2	.214			1	RBAR RBAR	238 239	298 284	195 196	123456	12456
PSHELL PSHELL	637 638	2 2	.213				RBAR	1311	19	1019	123456	123
PSHELL	639	2	.210			1	RBAR	1312	19	2019	123456 123456	123 123
PSHELL	640	2	.195			1	RBAR RBAR	1313 1314	20 20	1020 2020	123456	123
PSHELL PSHELL	641 643	2 2	.189 .205				RBAR	1315	21	1021	123456	123
PSHELL	644	2	.205			}	RBAR	1316	21	2021	123456	123 123
PSHELL	645	2	.200			ŀ	RBAR RBAR	1317 1318	22 22	1022 2022	123456 123456	123
PSHELL PSHELL	647 648	2 2	.400			ļ	RBAR	1319	23	1023	123456	123
PSHELL	649	2	.400			1	RBAR	1320	23	2023	123456	123 123
PSHELL	661	1	.219				RBAR RBAR	1321 1322	24 24	1024 2024	123456 123456	123
PSHELL PSHELL	662 663	1 1	.169 .116			į	RBAR	1323	25	1025	123456	123
PSHELL	664	ī	.207				RBAR RBAR	1324 1325	25 26	2025 1026	123456 123456	123 123
PSHELL PSHELL	665 666	1	.158 .104			Ì	RBAR	1326	26	2026	123456	123
PSHELL	667	1	.190				RBAR	1327	27	1027	123456	123
PSHELL	668	1	.1454				RBAR RBAR	1328 1329	27 29	2027 1029	123456 123456	123 123
PSHELL PSHELL	669 670	1 1	.097 .173			ŀ	RBAR	1330	29	2029	123456	123
PSHELL	671	î	.133				RBAR	1331	30	1030	123456	123
PSHELL	672	1	.089				RBAR RBAR	1332 1333	30 32	2030 1032	123456 123456	123 123
PSHELL	673 674	1 1	.156 .123			ļ	RBAR	1334	32	2032	123456	123
PSHELL	675	1	.083			1	RBAR RBAR	1335 1336	33 33	1033 2033	123456 123456	123 123
PSHELL PSHELL	676 677	1 1	.148 .115			- 1	RBAR	1337	38	1038	123456	123
PSHELL	678	1	.078			ł	RBAR	1338	38	2038	123456	123
PSHELL	679	1	.137			Ì	RBAR RBAR	1339 1340	39 39	1039 2039	123456 123456	123 123
PSHELL	680 681	1	.107			i	RBAR	1341	44	1044	123456	123
PSHELL	682	1	.127			I	RBAR	1342	44	2044	123456	123 123
PSHELL	683 684	1	.100			ľ	RBAR RBAR	1343 1344	46 46	1046 2046	123456 123456	123
PSHELL	701	701	.175				RBAR	1345	47	1047	123456	123
PSHELL	702	702	.121			ı	RBAR RBAR	1346 1347	47 51	2047 1051	123456 123456	123 123
PSHELL	703 704	703 704	.093			l l	RBAR	1348	51	2051	123456	123
PSHELL PSHELL	705	705	.074			i	RBAR	1349	52	1052	123456	123
PSHELL	706	706	.230			ŀ	RBAR RBAR	1350 1351	52 53	2052 1053	123456 123456	123 123
PSHELL PSHELL	707 708	707 708	.132			ì	RBAR	1352	53	2053	123456	123
PSHELL	709	709	.085				RBAP.	1353	55	1055	123456	123
PSHELL	710	710	.072	123456			RBAR RBAR	1354 1355	55 56	2055 1056	123456 123456	123 123
RBAR RBAR	23 24	283 281	407 409	123456			RBAR	1356	56	2056	123456	123
RBAR	91	31	1031	123456	123	1	RBAR	1357	60	1060	123456	123 123
RBAR	92	31	2031 1034	123456 123456	123 123	1	RBAR RBAR	1358 1359	60 61	2060 1061	123456 123456	123
RBAR RBAR	93 94	34 34	2034	123456	123		RBAR	1360	61	2061	123456	123
RBAR	95	37	1037	123456	123	}	RBAR	1361	62	1062 2062	123456 123456	123 123
RBAR	96	37 40	2037 1040	123456 123456	123 123		RBAR RBAR	1362 1363	62 63	1063	123456	123
RBAR RBAR	97 98	40	2040	123456	123		RBAR	1364	63	2063	123456	123
RBAR	99	45	1045	123456	123	ļ	RBAR	1365	64 64	1064 2064	123456 123456	123 123
RBAR	100	45 48	2045 1048	123456 123456	123 123	1	RBAR RBAR	1366 1367	64 65	1065	123456	123
RBAR RBAR	101 102	48	2048	123456	123		RBAR	1368	65	2065	123456	123
RBAR	103	54	1054	123456	123	ļ	RBAR RBAR	1369 1370	67 67	1067 2067	123456 123456	123 123
RBAR RBAR	104 105	54 57	2054 1057	123456 123456	123 123		RBAR	1370	68	1068	123456	123
RBAR	105	57	2057	123456	123	ł	RBAR	1372	68	2068	123456	123
RBAR	107	66	1066	123456	123 123		RBAR RBAR	1373 1374	72 72	1072 2072	123456 123456	123 123
rbar rbar	108 109	6 6 6 9	2066 1069	123456 123456	123 123	-	RBAR	1375	73	1073	123456	123
RBAR	110	69	2069	123456	123	ļ	RBAR	1376	73	2073	123456	123 123
RBAR	111	79 79	1079 2079	123456	123 123		RBAR RBAR	1377 1378	74 74	1074 2074	123456 123456	123
RBAR RBAR	112 113	82	1082	123456 123456	123		RBAR	1379	75	1075	123456	123
RBAR	114	82	2082	123456	123		RBAR	1380	75	2075	123456	123

RBAR	1381	76	1076	123456	123	RBAR	1517	104	1104	123456	123
RBAR	1382	76	2076	123456	123	RBAR	1518	104	2104	123456	123 123
RBAR	1383	77	1077	123456	123	RBAR	1519	105 105	1105 2105	123456 123456	123
RBAR	1384	77	2077	123456	123	RBAR RBAR	1520 1521	105	1106	123456	123
RBAR	1385	78	1078 2078	123456 123456	123 123	RBAR	1522	106	2106	123456	123
RBAR RBAR	1386 1387	78 80	1080	123456	123	RBAR	1523	107	1107	123456	123
RBAR	1388	80	2080	123456	123	RBAR	1524	107	2107	123456	123
RBAR	1389	81	1081	123456	123	RBAR	1525	108	1108 2108	123456 123456	123 123
RBAR	1390	81	2081	123456	123	RBAR RBAR	1526 1527	108 109	1109	123456	123
RBAR	1391	85	1085	123456	123 123	RBAR	1528	109	2109	123456	123
RBAR RBAR	1392 1393	85 86	2085 1086	123456 123456	123	RBAR	1529	110	1110	123456	123
RBAR	1394	86	2086	123456	123	RBAR	1530	110	2110	123456	123
RBAR	1395	87	1087	123456	123	RBAR	1531	111	1111	123456	123 123
RBAR	1396	87	2087	123456	123	RBAR RBAR	1532 1533	111 112	2111 1112	123456 123456	123
RBAR	1397	88	1088	123456	123 123	RBAR	1534	112	2112	123456	123
RBAR RBAR	1398 1407	88 143	2088 1143	123456 123456	123	RBAR	1535	113	1113	123456	123
RBAR	1408	143	2143	123456	123	RBAR	1536	113	2113	123456	123
RBAR	1409	181	1181	123456	123	RBAR	1537	125 125	1125 2125	123456 123456	123 123
RBAR	1410	181	2181	123456	123	RBAR RBAR	1538 1539	126	1126	123456	123
RBAR	1411	182	1182 2182	123456 123456	123 123	RBAR	1540	126	2126	123456	123
RBAR RBAR	1412 1413	182 183	1183	123456	123	RBAR	1541	127	1127	123456	123
RBAR	1414	183	2183	123456	123	RBAR	1542	127	2127	123456	123
RBAR	1415	184	1184	123456	123	RBAR	1543	128 128	1128 2128	123456 123456	123 123
RBAR	1416	184	2184	123456	123 123	RBAR RBAR	1544 1545	129	1129	123456	123
RBAR	1417	185 185	1185 2185	123456 123456	123	RBAR	1546	129	2129	123456	123
RBAR RBAR	1418 1419	186	1186	123456	123	RBAR	1547	130	1130	123456	123
RBAR	1420	186	2186	123456	123	RBAR	1548	130	2130	123456	123
RBAR	1421	187	1187	123456	123	RBAR RBAR	1549 1550	131 131	1131 2131	123456 123456	123 123
RBAR	1422	197	2187	123456 123456	123 123	RBAR	1551	132	1132	123456	123
RBAR RBAR	1423 1424	188 188	1188 2188	123456	123	RBAR	1552	132	2132	123456	123
RBAR	1425	189	1189	123456	123	RBAR	1553	133	1133	123456	123
RBAR	1426	189	2189	123456	123	RBAR	1554	133	2133	123456	123 123
RBAR	1427	190	1190	123456	123	RBAR RBAR	1555 1556	134 134	1134 2134	123456 123456	123
RBAR	1428	190	2190	123456	123 123	RBAR	1557	135	1135	123456	123
rbar Rbar	1429 1430	191 191	1191 2191	123456 123456	123	RBAR	1558	135	2135	123456	123
RBAR	1431	192	1192	123456	123	RBAR	1559	136	1136	123456	123
RBAR	1432	192	2192	123456	123	RBAR	1560	136	2136 1137	123456	123 123
RBAR	1433	193	1193	123456	123	RBAR RBAR	1561 1562	137 137	2137	123456 123456	123
RBAR	1434	193	2193 1242	123456 123456	123 123	RBAR	1563	138	1138	123456	123
rbar Rbar	1435 1436	242 242	2242	123456	123	RBAR	1564	138	2138	123456	123
RBAR	1437	243	1243	123456	123	RBAR	1565	139	1139	123456	123
RBAR	1438	243	2243	123456	123	RBAR	1566 1567	139 140	2139 1140	123456 123456	123 123
RBAR	1439	244	1244	123456	123	RBAR RBAR	1568	140	2140	123456	123
RBAR	1440 1441	244 245	2244 1245	123456 123456	123 123	RBAR	1569	141	1141	123456	123
RBAR RBAR	1442	245	2245	123456	123	RBAR	1570	141	2141	123456	123
RBAR	1451	1	1001	123456	123	RBAR	1571	142	1142	123456 123456	123 123
RBAR	1452	1	2001	123456	123 123	RBAR RBAR	1572 2235	142 501	2142 1501	123456	123
RBAR RBAR	1453 1454	2	1002 2002	123456 123456	123	RBAR	2236	501	2501	123456	123
RBAR	1455	3	1003	123456	123	RBAR	2237	502	1502	123456	123
RBAR	1456	3	2003	123456	123	RBAR	2238	502	2502	123456	123 123
RBAR	1457	4	1004	123456	123	RBAR RBAR	2239 2240	503 503	1503 2503	123456 123456	123
RBAR	1458	4 5	2004 1005	123456 123456	123 123	RBAR	2241	504	1504	123456	123
RBAR RBAR	1459 1460	5	2005	123456	123	RBAR	2242	504	2504	123456	123
RBAR	1461	6	1006	123456	123	RBAR	2243	505	1505	123456	123 123
RBAR	1462	6	2006	123456	123	RBAR RBAR	2244 2245	505 506	2505 1506	123456 123456	123
RBAR RBAR	1463 1464	7	1007 2007	123456 123456	123 123	RBAR	2246	506	2506	123456	123
RBAR	1465	8	1008	123456	123	RBAR	2247	507	1507	123456	123
RBAR	1466	8	2008	123456	123	RBAR	2248	507	2507	123456	123 123
RBAR	1467	10	1010	123456	123	RBAR RBAR	2249 2250	508 508	1508 2508	123456 123456	123
RBAR RBAR	1468 1469	10 12	2010 1012	123456 123456	123 123	RBAR	2251	509	1509	123456	123
RBAR	1470	12	2012	123456	123	RBAR	2252	509	2509	123456	123
RBAR	1471	14	1014	123456	123	RBAR	2253	510	1510	123456	123 123
RBAR	1472	14	2014	123456	123 123	RBAR RBAR	2254 2255	510 511	2510 1511	123456 123456	123
RBAR RBAR	1473 1474	16 16	1016 2016	123456 123456	123	RBAR	2256	511	2511	123456	123
RBAR	1475	18	1018	123456	123	RBAR	2257	512	1512	123456	123
RBAR	1476	18	2018	123456	123	RBAR	2258	512	2512 1513	123456 123456	123 123
RBAR	1477	173	1173	123456	123 123	RBAR RBAR	2259 2260	513 513	2513	123456	123
RBAR RBAR	1478 1479	173 174	2173 1174	123456 123456	123	RBAR	2261	514	1514	123456	123
RBAR	1480	174	2174	123456	123	RBAR	2262	514	2514	123456	123
RBAR	1481	175	1175	123456	123	RBAR	2263	515 515	1515 2515	123456 123456	123 123
RBAR	1682	175	2175	123456	123 123	RBAR RBAR	2264 2265	516	1516	123456	123
RBAR RBAR	1483 1484	176 176	1176 2176	123456 123456	123	RBAR	2266	516	2516	123456	123
RBAR	1485	177	1177	123456	123	RBAR	2267	517	1517	123456	123
RBAR	1486	177	2177	123456	123	RBAR	2268	517 518	2517 1518	123456 123456	123 123
RBAR	1187	178	1178	123456	123 123	RBAR RBAR	2269 2270	518	2518	123456	123
RBAR RBAR	1488 1489	178 179	2178 1179	123456 123456	123	RBAR	2271	519	1519	123456	123
RBAR	1490	179	2179	123456	123	RBAR	2272	519	2519	123456	123
RBAR	1491	180	1180	123456	123	RBAR	2273	520 520	1520	123456 123456	123 123
RBAR	1492	180	2180	123456	123 123	RBAR RBAR	2274 2275	520 521	2520 1521	123456	123
RBAR	1493 1494	194 194	1194 2194	123456 123456	123	RBAR	2276	521	2521	123456	123
RBAR RBAR	1501	96	1096	123456	123	RBAR	2277	522	1522	123456	123
RBAR	1502	96	2096	123456	123	RBAR	2278	522	2522	123456	123 123
RBAR	1503	97	1097	123456	123	RBAR RBAR	2279 2280	523 523	1523 2523	123456 123456	123
RBAR	1504	97 98	2097 1098	123456 123456	123 123	RBAR	2280	524	1524	123456	123
RBAR RBAR	1505 1506	98	2098	123456	123	RBAR	2282	524	2524	123456	123
RBAR	1507	99	1099	123456	123	RBAR	2283	525	1525	123456	123
RBAR	1508	99	2099	123456	123	RBAR RBAR	2284 2285	525 526	2525 1526	123456 123456	123 123
RBAR	1509	100	1100	123456	123 123	RBAR	2286	526	2526	123456	123
RBAR RBAR	1510 1511	100 101	2100 1101	123456 123456	123	RBAR	3042	72	3016	123456	
RBAR	1512	101	2101	123456	123	RBAR	3043	3016	143	123456	123 15
RBAR	1513	102	1102	123456	123	RBAR RBAR	3107 3108	3047 3047	21 61	123456 123456	15
RBAR RBAR	1514 1515	102 103	2102 1103	123456 123456	123 123	RBAR	3109	3053	3063	123456	123
RBAR	1516	103	2103	123456	123	RBAR	3110	3055	3064	123456	123

2012	3111	3047	3065	123456			123		SPCl	5	456	1125	1126	1127			
RBAR			3066	123456			123		SPC1	5	456	1128	1129	1130	1131	1132	1133
RBAR	3112	3048					123		SPC1	5	456	1134	1135	1136	1137	1138	1139
RBAR	3113	3053	3067	123456					SPC1	5	456	1140	1141	1142			
RBAR	3114	3055	3068	123456			123			5	456	1143					
RBAR	3115	3047	3069	123456			123		SPCI			1178	1179	1180	1194		
RBAR	3116	3048	3070	123456			123		SPCI	5	456				1134		
RBAR	3419	3203	182	123456			123		SPC1	5	456	1181	THRU	1193			
RBAR	3420	3203	183	123456			123		SPC1	5	456	1233	2233				
		3205	185	123456			123		SPC1	5	456	1242	1243	1244	1245		
RBAR	3421		186	123456			123		SPC1	5	456	1251	THRU	1266			
RBAR	3422	3205					5		SPC1	5	456	1292	1293	1464	1465	1466	1467
RBAR	3423	3201	3204	123456					SPCI	5	456	1501	THRU	1526			
RBAR	3424	3204	3207	123456			3			5	456	2001	2002	2003	2004	2005	2006
RBAR	3425	3208	3212	123456			3		SPC1				2008	2010	2012	2014	2016
REAR	3426	3208	3209	123456			123		SPC1	5	456	2007					2177
SPC1	3	1	359	360	361	362	364	367	SPC1	5	456	2018	2173	2174	2175	2176	21//
SPCI	3	ī	368	369	370	371	373	381	SPC1	5	456	2019	THRU	2027			
	3	î	383	384	385	386	387	389	SPCI	5	456	2029	2030	2032	2033	2038	2039
SPC1			390	391	392	393	408		SPC1	5	456	2031	2034	2037	2040	2045	2048
SPC1	3	1				437	59	431	SPC1	5	456	2044	2046	2047	2051	2052	2053
SPC1	3	156	36	42	50			285	SPC1	5	456	2054	2057	2066	2069	2079	2082
SPCI	3	156	71	84	298	286	117			5	456	2055	2056	2060	2061	2062	2063
SPC1	3	156	163	164	153	154	155	156	SPC1			2064	2065	2067	2068	2072	2073
SPC1	3	156	267	268	458	459			SPC1	5	456					2078	2080
SPC1	3	156	283	284	282	281	405		SPC1	5	456	2074	2075	2076	2077		
SPC1	Ă	234	36	42	50	437	59	431	SPC1	5	456	2079	2114	2275	2276	2280	2290
SPC1	7	234	71	84	298	286	117	285	SPC1	5	456	2081	2085	2086	2087	2088	
	:	234	163	164	153	154	155	156	SPC1	5	456	2094	2114	2121			
SPC1	4			268	458	459			SPC1	5	456	2096	2097	2098	2099	2100	2101
SPC1	4	234	267				405		SPC1	5	456	2102	2103	2104	2105	2106	2107
SPCl	4	234	283	284	282	281	405		SPC1	5	456	2108	2109	2110	2111	2112	2113
SPC1	5	4	3022							5	456	2125	2126	2127			
SPC1	5	4	3047						SPC1				2129	2130	2131	2132	2133
SPCl	5	456	251	256	261	262	266		SPC1	5	456	2128			2137	2138	2139
SPC1	5	456	1001	1002	1003	1004	1005	1006	SPC1	5	456	2134	2135	2136	2137	2135	2139
SPCI	Š	456	1007	1008	1010	1012	1014	1016	SPC1	5	456	2140	2141	2142			
SPC1	5	456	1018	1173	1174	1175	1176	1177	SPC1	5	456	2143					
SPCI	5	456	1019	THRU	1027				SPC1	5	456	2178	2179	2190	2194		
	5	456	1029	1030	1032	1033	1038	1039	SPC1	5	456	2181	THRU	2193			
SPC1	5			1034	1037	1040	1045	1048	SPC1	5	456	2242	2243	2244	2245		
SPC1	5	456	1031				1052	1053	SPC1	5	456	2251	THRU	2266			
SPC1	5	456	1044	1046	1047	1051		1082	SPC1	5	456	2292	2293	2464	2465	2466	2467
SPC1	5	456	1054	1057	1066	1069	1079			5	456	2501	THRU	2526			
SPC1	5	456	1055	1056	1060	1061	1062	1063	SPC1			3063	3064	3065	3066		
SPC1	5	456	1064	1065	1067	1069	1072	1073	SPCl	5	456				3070		
SPC1	5	456	1074	1075	1076	1077	1078	1080	SPC1	5	456	3067	3068	3069	3070		
SPC1	5	456	1079	1114	1275	1276	1280	1290	SPC1	5	123456	701	702	703			
SPC1	5	456	1081	1085	1086	1087	1088		SPCADD	1	3	5					
	5	456	1094	1114	1121				SPCADD	2	4	5					
SPC1	5		1094	1097	1098	1099	1100	1101	SUPORT		156						
SPC1	5	456				1105	1106	1107	ENDDATA								
SPC1	5	456	1102	1103	1104			1113		•							
SPC1	5	456	1108	1109	1110	1111	1112	1113	ı								

Appendix C. Structural Finite Element Data for Nontypical LCO Case

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ASET1
ASET1
ASET1
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 ID LMTAS BLOCK 40 F-16 FLUTTER FEM NONTYPICAL LCO CASE
                                                                                                                                                                                                                                                                                                                  267
284
367
 SOL 103
TIME 20
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 CEND
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361
S
TITLE=F-16 1/2 AIRPLANE FINITE BLEMENT MODEL FOR FLUTTER ANALYSIS
SUBTI=ANTI-SYMMETRIC CENTERLINE BOUNDARY CONDITIONS // FULL XWING FUEL
LABEL-CONFIG 5 = MA41
DISP=ALL
ECHO-SORT
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360
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 $ DMIG VERTICAL TAIL STIFFNESS MATRIX
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 K2GG=VTAIL
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103
 $ EIGENVALUE EXTRACTION
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  METHOD=1
$ SYMMETRIC B.C. / SPC=2 FOR ANTISYMMETRIC
SPC=2
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ASET1
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65
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 $ SET 203022=GRIDS USED IN FLUTTER ANALYSIS.
$ ADD GRIDS 801 THROUGH 814 FOR DYNAMIC RESPONSE.
                                                                                                                                                                                                                                                                     ASET1
ASET1
ASET1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              124
                                  2, 3, 4, 5, 6, 9, 11, 13, 15, 17, 19, 20, 21, 26, 29, 33, 39, 44, 47, 51, 52, 53, 56, 60, 61, 62, 64, 65, 68, 72, 73, 74, 75, 77, 78, 81, 85, 86, 87, 89, 90, 91, 92, 93, 95, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 122, 123, 124, 128, 129, 130, 131, 132, 133, 3004, 3006, 3009
  5ET 203022=
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3002
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437
458
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                                                                                                            $ AIM-9/16S200 OR 16S200 ON TIP
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3088
27
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 $ GENERATE BUT DO NOT PRINT-
$ EIGENVECTORS FOR FLUTTER ANALYSIS
                                                                                                                                                                                                                                                                      ASET1
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2402
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CBAR
CBAR
CBAR
CBAR
CBAR
CBAR
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      A-SET EIGENVECTORS FOR INSPECTION
                                                                                                                                                                                                                                                                                                                  2403
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CSCALE=1.8
PAPER SIZE=26. BY 20.
                                                                                                                                                                                                                                                                                             2406
2407
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2409
2410
  $ SET 10=ELEMENTS USED IN MODE PLOTS
                                                                                                                                                                                                                                                                     CBAR
CBAR
CBAR
CBAR
CBAR
CBAR
  $ FUSELAGE CENTERLINE
 SET 10= 1 THRU
$ WING BOX
                    BOX 1001 THRU 1005, 1007,1010 THRU 1013, 1020,1023 THRU 1025, 1031,1034,1036,1043,1045, 1046,1048 THRU 1054, 1055 THRU 1062, 1071 THRU 1074, 1023 1072, 1089
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2418
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2432
                    1071 THRU 1074,
1078,1079,1080,
1086 THRU 1099,
1099,1100,1101,
1075,1076,1077,
1081 THRU 1085,
1091 THRU 1111,
1116 THRU 1125,
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			154	155	,	0.	0.	1	CBEAM 1026	1026	187	188	1.	0.	0.	+1026BM
CBEAM CBEAM	5	5	154 155	155 156	1.	0.	0.		+1026BM 56	1027	188	189	1.	0.	0.	
CBEAM CBEAM	6 7	6 7	268 36	36 42	1.	0. 0.	0. 0.		CBEAM 1028	1028	189	190	1.	0.	0.	
CBEAM	8	6	€2 50	50 437	1.	o. o.	0.		CBEAM 1029 CBEAM 1031	1029 1031	190 26	191 52	1.	0. 0.	o. o.	
CBEAM CBEAM	9 10	10	437	59	1.	0.	0.		CBEAM 1033	1033	25	52 64	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	11 12	11 12	59 431	431 71	1.	0. 0.	0. 0.		CBEAM 1034 CBEAM 1035	1034 1035	52 64	245	1.	0.	ŏ.	
CBEAM	13	13	71	84	1.	0.	0.		CBEAM 1036 CBEAM 1037	1036 1037	64 245	11 77	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	14 15	14 15	84 298	298 286	1. 1.	0. 0.	0. 0.		CBEAM 1038	1038	192	193	1.	0.	ů.	
CBEAM	16	16	286 117	117 285	1.	Q. 1.	o. o.	,	CBEAM 1039 CBEAM 1040	1039 1040	193 63	63 245	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	17 18	17 18	285	283	i.	1.	0.		CBEAM 1041	1041	245	76	1.	0. 0.	0. 0.	
CBEAM CBEAM	19 20	19 20	283 284	284 282	1.	1.	0.		CBEAM 1043 CBEAM 1045	1043 1045	24 23	51 51	1.	0.	o.	
CBEAM	21	21	282	281	1.	1.	0.		CBEAM 1046 CBEAM 1047	1046 1047	51 22	62 62	1. 1.	0. 0.	0. 0.	
CBEAM	22 31	22 31	281 36	405 35	1. 1.	0. 1.	o. o.		CBEAM 1048	1048	62	244	1.	0.	0.	
CBEAM CBEAM	32 33	32 33	42 50	41 49	1. 1.	1. 1.	o. o.		CBEAM 1049 CBEAM 1050	1049 1050	244 75	75 88	1. 1.	0. 0.	o. o.	+1050BM
CBEAM	34	34	59	58	ı.	1.	0.		CBEAM 1051	1051 1052	21 61	61 243	1. 1.	0. 0.	o.	
CBEAM CBEAM	35 36	35 36	71 84	70 83	1.	1. 1.	o. o.		CBEAM 1053	1053	243	74	î.	o.	õ.	+1053BM
CBEAM	37	37	117	116	1.	1.	o. o.		+1053BM CBEAM 1054	56 1054	74	87	1.	0.	0.	+1054BM
CBEAM CBEAM	38 39	38 39	34 40	31 37	1. 1.	1.	0.		CBEAM 1056	1056	20	60	1.	0.	0.	
CBEAM CBEAM	40 41	40 41	48 57	45 54	1. 1.	1. 1.	0.		CBEAM 1057 CBEAM 1058	1057 1058	60 242	242 73	1. 1.	0. 0.	Q.	+1058BM
CBEAM	42	42	69	66	1.	1.	0.		+1058BM CBEAM 1059	56 1059	73	86	1.	0.	0.	+1059BM
CBEAM CBEAM	43 44	43 44	82 94	94 118	1. 1.	1.	0. 0.		CBEAM 1060	1060	19	143	1.	0.	0.	
CBEAM	45	4.5	118	121	1.	1.	0.		CBEAM 1061 CBEAM 1062	1061 1062	143 72	72 85	1. 1.	0.	0. 0.	+1062BM
CBEAM CBEAM	46 47	46 47	115 79	79 120	1. 1.	1. 1.	0.		CBEAM 1071	1071	33	32	0.	1.	0.	
CBEAM CBEAM	46	48 49	120 31	114 37	1. 1.	1. 1.	o.	+49BM	CBEAM 1072 CBEAM 1073	1072 1073	32 30	30 181	0. 0.	1.	0.	
+49BM	46								CBEAM 1074	1074 1075	181 39	29 38	0. 0.	1.	0. 0.	
CBEAM CBEAM	50 51	50 51	37 45	45 54	1. 1.	1.	o.		CBEAM 1076	1076	38	182	0.	1.	0.	
CBEAM	52	52	54	66	1.	1. 1.	0. 0.	+53BM	CBEAM 1077 CBEAM 1078	1077 1078	182 29	29 27	0. 0.	1.	0. 0.	
CBEAM +53BM	53	53 456	66	121	1.				CBEAM 1079	1079	27	187	0.	1.	0. 0.	
CBEAM +54BM	54 456	54	121	114	1.	1.	0.	+54 BM	CBEAM 1080 CBEAM 1081	1080 1081	187 47	26 46	0. 0.	1.	0.	
CBEAM	55	55	118	119	1.	1.	0.		CBEAM 1082 CBEAM 1083	1082 1083	46 183	183 44	0.	1. 1.	0. 0.	
CBEAM CBEAM	56 57	56 57	119 94	120 79	1.	1. 1.	0. 0.		CBEAM 1084	1084	44	188	0.	1.	0.	
CSEAM	141	141	467 274	274 465	1.	1. 1.	O.		CBEAM 1085 CBEAM 1086	1085 1086	183 26	26 25	0. 0.	1.	0. 0.	
CBEAM CBEAM	142 143	142 143	465	275	1.	1,	0.		CBEAM 1087	1087	25	192	0.	1.	0. 0.	
CBEAM CBEAM	144 145	144 145	275 278	278 280	1.	1. 1.	o. o.		CBEAM 1088 CBEAM 1089	1088 1089	192 24	24 23	0.	1.	o.	
CBEAM	146	146	280	292	1.	ı.	٥.	1117DV	CBEAM 1090 CBEAM 1091	1090 1091	23 56	22 55	0. 0.	1.	o. o.	
CBEAM +147BM	147	147 456	292	114	1.	1.	0.	+147BM	CBEAM 1092	1092	55	184	0.	1.	0.	
CBEAM	148	148 149	466 273	273 464	1.	1. 1.	o. o.		CBEAM 1093 CBEAM 1094	1093 1094	184 53	53 189	0. 0.	1. 1.	0. 0.	
CBEAM CBEAM	149 150	150	464	276	1.	1.	0.		CBEAM 1095	1095	189	52	0. 0.	1.	0.	
CBEAM CBEAM	151 152	151 152	276 279	279 290	1.	1. 1.	o. o.		CBEAM 1096 CBEAM 1097	1096 1097	52 193	193 51	0.	1.	0.	
CBEAM	153	153	290	293	1.	1.	0. 0.	+154BM	CBEAM 1098 +1098BM	1098 56	51	22	0.	1.	0.	+1098BM
CBEAM +154BM	154	154 456	293	79	1.	1.		*15 4 Bit	CBEAM 1099	1099	22	21	0.	1.	0.	
CBEAM CBEAM	160 161	160 161	295 117	300 300	1.	1. 1.	0. 0.		CBEAM 1100 CBEAM 1101	1100 1101	21 20	20 19	0. 0.	1. 1.	0. 0.	
CBEAM	162	162	300	79 114	1.	1. 1.	0.		CBEAM 1102 CBEAM 1103	1102 1103	68 67	67 185	0. 0.	1. 1.	0.	
CBEAM CBEAM	163 164	163 164	79 283	295	1.	1.	0.		CBEAM 1104	1104	185	6 5	0.	1.	0.	
CBEAM CBEAM	165 166	165 166	295 293	294 292	1. 1.	1. 1.	0. 0.		CBEAM 1105 CBEAM 1106	1105 1106	65 190	190 64	0. 0.	1.	0.	
CBEAM	167	167	282	291	1.	1.	0.		CBEAM 1107 CBEAM 1108	1107 1108	64 63	63 62	0. 0.	1. 1.	0. 0.	
CBEAM	168 169	168 169	290 279	280 271	1.	1. 1.	0.	+169BM	CBEAM 1109	1109	62	61	0.	1.	0.	
+169BM CBEAM	456 170	170	271	278	1.	1.	0.	+170BM	CBEAM 1110 CBEAM 1111	1110 1111	61 60	60 19	o. o.	1. 1.	0. 0.	
+170BM		56					0.		CBEAM 1112 CBEAM 1113	1112 1113	245 244	244 243	0. 0.	1. 1.	0. 0.	
CBEAM CBEAM	171 172	171 172	281 276	277 275	1.	1. 1.	0.		CBEAM 1114	1114	243	242	0.	1.	0.	
CBEAM CBEAM	173 174	173 174	464 466	465 467	1.	1.	0. 0.	ļ	CBEAM 1115 CBEAM 1116	1115 1116	242 81	143 80	0. 0.	1. 1.	0. 0.	
CBEAM	175	175	271	272	1.	1.	0.	+175BM	CBEAM 1117 CBEAM 1118	1117 1118	80 186	186 78	0. 0.	1. 1.	0. 0.	
+175BM CBEAM	46 176	176	273	241	1.	1.	0.		CBEAM 1119	1119	78	191	0.	1.	0.	
CBEAM CBEAM	177 178	177 178	241 299	299 272	1.	1. 1.	0. 0.		CBEAM 1120 CBEAM 1121	1120 1121	191 77	77 76	o. o.	1.	0. 0.	•
CBEAM	179	179	272	274	1.	1.	0.		CBEAM 1122	1122 1123	76 75	75 74	0.	1. 1.	o. o.	
CBEAM CBEAM	180 181	180 181	274 195	233 296	1. 1.	1.	0. 0.	+181BM	CBEAM 1123 CBEAM 1124	1124	74	73	0.	1.	0.	
+181BM	56		296	196	1.	1.	0.	+182BM	CBEAM 1125 CBEAM 1126	1125 1126	73 88	72 87	0. 0.	1.	0. 0.	+1126BM
CBEAM +182BM	182	182 56							CBEAM 1127	1127	87	86	0.	1.	0. 0.	+1128BM
CBEAM CBEAM	1001 1002	1001 1002	33 39	39 47	1. 1.	0. 0.	0. 0.		CBEAM 1128 CBEAM 1131	1128 1131	86 7	85 18	0. 1.	1. 0.	0.	7112050
CBEAM	1003	1003	47	56	1.	0.	0. 0.		CBEAM 1132 CBEAM 1133	1132 1133	6 16	16 17	1. 1.	0. 0.	0. 0.	
CBEAM CBEAM	1004 1005	1004 1005	56 69	68 81	1. 1.	0.	o.		CBEAM 1134	1134	17	30	1.	0.	0.	+BM1134
CBEAM	1007	1007 1009	32 30	38 38	1.	0. 0.	0. 0.		+BM1134 5 CBEAM 1135	1135	176	180	1.	٥.	0.	
CBEAM	1009	1010	38	46	1.	0.	0.		CBEAM 1136 CBEAM 1137	1136 1137	5 14	14 15	1.	0. 0.	0. 0.	
CBEAM CBEAM	1011 1012	1011 1012	46 55	55 67	1.	o. o.	o. o.		CBEAM 1138	1137	15	27	1.	0.	0.	+BM1138
CBEAM	1013	1013	67	80 182	1.	0.	0. 0.		+BM1138 5 CBEAM 1139	1139	175	179	1.	0.	0.	
CBEAM CBEAM	1014 1015	1014 1015	181 182	183	1.	0.	0.		CBEAM 1140	1140	4	12	1.	0.	0.	
CBEAM CBEAM	1016 1017	1016 1017	183 184	184 185	1. 1.	0. 0.	0. 0.		CBEAM 1141 CBEAM 1142	1141 1142	12 13	13 25	1.	0.	0.	+BM1142
CBEAM	1018	1018	185 29	186	1.	0.	0.	Ì	+BM1142 5 CBEAM 1143	1143	174	178	1.	0.	0.	
CBEAM	1020 1022	1020 1022	27	44	1.	0.	0.		CBEAM 1144	1144	3	10	1.	0.	0.	
CBEAM CBEAM	1023 1024	1023 1024	44 53	53 65	1.	0. 0.	0. 0.		CBEAM 1145 CBEAM 1146	1145 1146	10 11	11 23	1.	Q.	0.	+BM1146
CBEAM	1025	1025	65	78	1.	0.	0.	İ	+BM1146 5							

CBEAM 1147	1147	173	177	1.	0.	0.		CBEAM 2009	2009	253	508	1.	1.	0.	+BM2009
CBEAM 1148	1148	2	194	1.	0.	0. 0.		+BM2009 456 CBEAM 2010	2010	508	258	1.	1.	0.	
CREAM 1149 CREAM 1150	1149 1150	194 9	9 20	1. 1.	0. 0.	0.	+BM1150	CBEAM 2011	2011	258	519	1.	1.	0.	
+BM1150 5	1130	•	•••					CBEAM 2012	2012	519	263	.1	ı.	0.	+BM2012
CBEAM 1151	1151	1	8	1.	0.	٥.		+BM2012 CBEAM 2013	456 2013	254	509	1.	1.	0.	+BM2013
CBEAM 1152	1152	6	7 6	1.	0. 0.	o. o.		CBEAM 2013 +BM2013 456	2013	234	309		••	••	12110120
CBEAM 1153 CBEAM 1154	1153 1154	176 5	176	1. 1.	0.	0.		CBEAM 2014	2014	509	259	1.	1.	0.	
CBEAM 1155	1155	175	5	i.	o.	0.		CBEAM 2015	2015	259	520	1.	1.	. 0.	+BM2016
CBEAM 1156	1156	4	175	1.	0.	0.		CBEAM 2016 +BM2016	2016 456	520	264	1.	1.	0.	75M2010
CBEAM 1157	1157	174 3	4 174	1.	0. 0.	0. 0.		CBEAM 2017	2017	255	510	1.	1.	0.	+BM2017
CBEAM 1158 CBEAM 1159	1158 1159	173	3	1.	o.	0.	1	+BM2017 456							
CBEAM 1160	1160	2	173	1.	o.	o.		CBEAM 2018	2018	510	260	1.	1.	0.	
CBEAM 1161	1161	1	2	1.	0.	0.		CBEAM 2019 CBEAM 2020	2019 2020	260 521	521 265	1. 1.	1. 1.	0. 0.	+BM2020
CBEAM 1162	1162	16	18	1.	0.	0. 0.		CBEAM 2020 +BM2020	456	321	203		••	٠.	2112
CBEAM 1163 CBEAM 1164	1163 1164	180 14	16 180	1. 1.	0.	0.		CBEAM 2021	2021	256	511	1.	1.	0.	+BM2021
CBEAM 1165	1165	179	14	1.	o.	o.		+BM2021 456				_	_		
CBEAM 1166	1166	12	179	1.	0.	0.		CBEAM 2022	2022	511	261	1.	1.	0.	+BM2022
CBEAM 1167	1167	178	12	1.	0.	0.		+BM2022 CBEAM 2023	456 2023	261	522	1.	1.	0.	+BM2023
CBEAM 1168	1168 1169	10 177	178 10	1.	0.	0.		+BM2023 456	2465		022		•		
CBEAM 1169 CBEAM 1170	1170	194	177	1.	0.	ŏ.		CBEAM 2024	2024	522	266	1.	1.	0.	+BM2024
CBEAM 1171	1171	8	194	1.	0.	0.		+BM2024	456	051	501	,	,	•	+BM2031
CBEAM 1181	1181	81	95	1.	0.	0.	+BM1181	CBEAM 2031 +BM2031 456	2031	251	501	1.	1.	0.	+BP2031
+BM1181 CBEAM 1182	456 1182	95	142	1.	0.	0.		CBEAM 2032	2032	501	252	1.	1.	0.	
CBEAM 1182 CBEAM 1183	1183	142	101	î.	0.	ő.		CBEAM 2033	2033	252	502	1.	1.	0.	
CBEAM 1184	1184	101	107	1.	0.	0.		CBEAM 2034	2034	502	253	1.	1.	0. 0.	
CBEAM 1185	1185	107	113	1.	0.	0.		CBEAM 2035 CBEAM 2036	2035 2036	253 503	503 254	1.	1.	0.	
CBEAM 1186	1186	93	141 100	1.	0. 0.	0. 0.		CBEAM 2037	2037	254	504	1.	î.	ŏ.	
CBEAM 1187 CBEAM 1188	1187 1188	141 100	106	1.	0.	o.		CBEAM 2038	2038	504	255	1.	1.	0.	
CBEAM 1189	1189	106	112	1.	0.	0.		CBEAM 2039	2039	255	505	1.	1.	0.	+BM2040
CBEAM 1190	1190	186	124	1.	0.	0.	+BM1190	CBEAM 2040	2040 456	505	256	1.	1.	0.	+BM2040
+BM1190	456	121	110		0.	0.		+BM2040 CBEAM 2041	2041	233	512	1.	1.	0.	
CBEAM 1191 CBEAM 1192	1191 1192	124 140	140 127	1. 1.	0.	0.		CBEAM 2042	2042	512	257	1.	1.	0.	
CBEAM 1193	1193	127	130	1.	0.	0.	ļ	CBEAM 2043	2043	257	513	1.	1.	0.	
CBEAM 1194	1194	130	133	1.	0.	0.		CBEAM 2044	2044	513	258 514	1.	1.	0. 0.	
CBEAM 1195	1195	92	139	1.	0.	0. 0.		CBEAM 2045 CBEAM 2046	2045 2046	258 514	259	1.	1.	0.	
CBEAM 1196 CBEAM 1197	1196 1197	139 99	99 105	1.	0. 0.	0.		CBEAM 2047	2047	259	515	1.	1.	0.	
CBEAM 1197 CBEAM 1198	1198	105	111	1.	0.	õ.		CBEAM 2048	2048	515	260	1.	1.	0.	
CBEAM 1199	1199	191	123	1.	0.	0.	+BM1199	CBEAM 2049	2049	260	516	1.	1. 1.	0. 0.	+BM2050
+BM1199	456					•		CBEAM 2050 +BM2050	2050 456	516	261	1.		٠.	1212030
CBEAM 1200 CBEAM 1201	1200 1201	123 138	138 126	1.	0. 0.	0. 0.	1	CBEAM 2051	2051	262	523	1.	1.	0.	+BM2051
CBEAM 1201 CBEAM 1202	1202	126	129	1.	ō.	o.		+BM2051 456						_	
CBEAM 1203	1203	129	132	1.	0.	0.		CBEAM 2052	2052	523	263	1.	1.	0. 0.	
CBEAM 1204	1204	91	137	1.	0.	0.		CBEAM 2053 CBEAM 2054	2053 2054	263 524	524 264	1. 1.	1.	0.	
CBEAM 1205	1205	137	98	1.	o. o.	0. 0.		CBEAM 2055	2055	264	525	î.	i.	Ö.	
CBEAM 1206 CBEAM 1207	1206 1207	98 104	104 110	1.	0.	0.		CBEAM 2056	2056	525	265	1.	1.	0.	
CBEAM 1208	1208	122	136	i.	ö.	0.		CBEAM 2057	2057	265	526	1.	1.	0.	
CBEAM 1209	1209	136	125	1.	0.	0.		CBEAM 2058	2058	526	266	1.	1.	0.	+BM2058
CBEAM 1210	1210	125	128	1.	0.	0.	1	+BM2058 CBEAM 3001	456 3001	19	3007	0.	1.	0.	
CBEAM 1211	1211	128	131 90	1.	0. 0.	0. 0.	+BM1212	CBEAM 3001 CBEAM 3002	3002	3001	3008	o.	i.	0.	
CBEAM 1212 +BM1212	1212 456	76	90	1-	٠.	٠.	TBITIZIZ	CBEAM 3003	3003	3002	3003	1.	0.	0.	
CBEAM 1213	1213	90	135	1.	0.	0.	1	CBEAM 3004	3004	3003	3004	1.	0.	0.	
CBEAM 1214	1214	135	97	1.	0.	0.	1	CBEAM 3005	3005	3004	3005	1.	0.	0. 0.	
CBEAM 1215	1215	97	103	1.	0.	0.		CBEAM 3006 CBEAM 3007	3006 3007	3005 3006	3006 3007	1.	0. 0.	0.	
CBEAM 1216 CBEAM 1217	1216 1217	103 89	109 134	1.	0. D.	0.		CBEAM 3008	3008	3007	3008	1.	0.	0.	
CBEAM 1217 CBEAM 1218	1217	134	96	i.	õ.	o.		CBEAM 3009	3009	3008	3009	1.	0.	0.	+3009
CBEAM 1219	1219	96	102	1.	0.	0.		+3009	5		3076	۸	0.	1.	+3131
CBEAM 1220	1220	102	108 142	1.	0. 0.	0.	ŀ	CBEAM 3131	3131	21	3076	0.	٠.		.5151
CBEAM 1231 CBEAM 1232	1231 1232	141		1.								0.	0.	1.	+3132
CBEAM 1233	1233	140			0.	0.		+3131 56 CBEAM 3132	3132	3076	61			1.	
CBEAM 1234		140 139	141	1.	0. 0.	0. 0.		CBEAM 3132 +3132	56						.2122
	1234	139 138	141 140 139	1. 1. 1.	0. 0.	0.		CBEAM 3132 +3132 CBEAM 3133	56 3133	3076 3076	51 3079	0.	1.	0.	+3133
CBEAM 1235	1234 1235	139 138 137	141 140 139 138	1. 1. 1.	0. 0. 0.	0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 5	56						+3133
CBEAM 1236	1234 1235 1236	139 138 137 136	141 140 139 138 137	1. 1. 1.	0. 0.	0.		CBEAM 3132 +3132 CBEAM 3133 +3133 5 CBEAM 3134 CBEAM 3135	56 3133 6 3133 3135	3076 3079 3082	3079 3083 3077	o. o.	1. 1. 1.	0. 0.	
CBEAM 1236 CBEAM 1237 CBEAM 1238	1234 1235 1236 1237 1238	139 138 137 136 135 134	141 140 139 138 137 136 135	1. 1. 1. 1. 1.	0. 0. 0. 0.	0. 0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 5 CBEAM 3134 CBEAM 3135 CBEAM 3136	56 3133 6 3133 3135 3136	3076 3079	3079 3083	o.	1.	0. 0.	+3133
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241	1234 1235 1236 1237 1238 1241	139 138 137 136 135 134 100	141 140 139 138 137 136 135	1. 1. 1. 1. 1.	0. 0. 0. 0.	0. 0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 5 CBEAM 3134 CBEAM 3135	56 3133 6 3133 3135	3076 3079 3082	3079 3083 3077	o. o.	1. 1. 1.	0. 0.	
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242	1234 1235 1236 1237 1238 1241 1242	139 138 137 136 135 134	141 140 139 138 137 136 135	1. 1. 1. 1. 1.	0. 0. 0. 0.	0. 0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 5 CBEAM 3134 CBEAM 3135 CBEAM 3136 +3136 CBEAM 3137 +3137 6	56 3133 6 3133 3135 3136 6 3137	3076 3079 3082 3077 3084	3079 3083 3077 3078 3078	0. 0. 0.	1. 1. 1. 0.	0. 0. 1.	+3136 +3137
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1243 CBEAM 1243	1234 1235 1236 1237 1238 1241 1242 1243 1244	139 138 137 136 135 134 100 127 99 126	141 140 139 138 137 136 135 101 100 127	1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 +3133 CBEAM 3134 CBEAM 3136 GBEAM 3136 +3136 CBEAM 3137 +3137 6 CBEAM 3137	56 3133 6 3133 3135 3136 6	3076 3079 3082 3077	3079 3083 3077 3078	o. o. o.	1. 1. 1. 0.	0. 0. 0. 1.	+3136
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1243 CBEAM 1244 CBEAM 1244	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245	139 138 137 136 135 134 100 127 99 126 98	141 140 139 138 137 136 135 101 100 127 99	1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 5 CBEAM 3134 CBEAM 3135 CBEAM 3136 +3136 CBEAM 3137 +3137 6 CBEAM 3137 +3138 56	56 3133 6 3133 3135 3136 6 3137	3076 3079 3082 3077 3084 3082	3079 3083 3077 3078 3078 3083	0. 0. 0. 0.	1. 1. 0. 1.	0. 0. 1.	+3136 +3137
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1245 CBEAM 1246	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246	139 138 137 136 135 134 100 127 99 126 98 125	141 140 139 138 137 136 135 101 100 127 99 126 98	1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 CBEAM 3133 +3133 +3133 CBEAM 3134 CBEAM 3136 GBEAM 3136 +3136 CBEAM 3137 +3137 6 CBEAM 3137	56 3133 6 3133 3135 3136 6 3137	3076 3079 3082 3077 3084 3082 3083	3079 3083 3077 3078 3078 3083 3084	0. 0. 0. 0. 0.	1. 1. 0. 1. 0.	0. 0. 0. 1. 0.	+3136 +3137 +3138
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1244 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1246 CBEAM 1247	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247	139 138 137 136 135 134 100 127 99 126 98 125	141 140 139 138 137 136 135 101 100 127 99	1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 -5133 +3133 +3133 -5133 -5134 -5136 -5136 -5136 -5137 -5137 -61 -6137 -61 -6133	56 3133 6 3133 3135 3136 6 3137 3138 3138 56 3140	3076 3079 3082 3077 3084 3082 3083 3080	3079 3083 3077 3078 3078 3083 3084 3081	0. 0. 0. 0. 0.	1. 1. 1. 0. 1. 0.	0. 0. 0. 1. 0. 1.	+3136 +3137 +3138
CBEAM 1236 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1243 CBEAM 1244 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1251	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247 1248 1251	139 138 137 136 135 134 100 127 99 126 98 125 97	141 140 139 138 137 136 135 101 100 127 99 126 98 125 97	1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0.	0.		CBEAM 3132 +3132 -585AM 3133 +3133 5 -585AM 3134 -585AM 3135 -585AM 3136 -585AM 3137 -685AM 3137 -61338 56 -685AM 3139 +3139 -585AM 3139 -585AM 3141	56 3133 6 3133 3135 3136 6 3137 3138 3138 56 3140 3140	3076 3079 3082 3077 3084 3082 3083 3080 3081	3079 3083 3077 3078 3078 3083 3084 3081 3082	0. 0. 0. 0. 0.	1. 1. 1. 0. 1. 0. 0. 0.	0. 0. 0. 1. 0. 1.	+3136 +3137 +3138
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1242 CBEAM 1245 CBEAM 1245 CBEAM 1245 CBEAM 1247 CBEAM 1247 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1252	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247 1248 1251 1252	139 138 137 136 135 134 100 127 99 126 98 125 97 96 106 130	141 140 139 138 137 136 135 101 127 99 126 98 125 97 107	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0.	0.		CBEAM 3132 +3132 -5132 -5133 -5133 -5133 -5133 -5133 -5133 -5133 -51337 -6000	56 3133 6 3133 3135 3136 6 3137 3138 56 3140 3140 3140	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082	3079 3083 3077 3078 3078 3083 3084 3081 3082 3084	0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 1. 0.	0. 0. 0. 1. 0. 1.	+3136 +3137 +3138
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1242 CBEAM 1244 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1247 CBEAM 1251 CBEAM 1251 CBEAM 1251 CBEAM 1251	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1247 1248 1252 1253	139 138 137 136 135 134 100 127 99 126 98 125 97 96 106 130	141 140 139 138 137 135 101 100 127 99 126 98 125 97 106 130	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0.	0.		CBEAM 3132 +3132 -585AM 3133 +3133 +3133 -585AM 3134 -585AM 3135 -585AM 3136 -585AM 3137 -685AM 3137 -685AM 3138 +3138 56 -685AM 3138 +3138 56 -685AM 3139 -585AM 3140 -685AM 3141 -685AM 3141 -685AM 3141 -685AM 3143 -685AM 3140 -685AM 3143 -685AM 3140 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3140 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3143 -685AM 3144 -685AM 3144 -685AM 3144 -685AM 3144 -685AM 3144 -685AM 3144 -685AM	56 3133 6 3133 3135 3136 6 3137 3138 56 3140 3140 3140 3140	3076 3079 3082 3077 3084 3082 3083 3080 3081	3079 3083 3077 3078 3078 3083 3084 3081 3082	0. 0. 0. 0. 0.	1. 1. 1. 0. 1. 0. 0. 0.	0. 0. 0. 1. 0. 1.	+3136 +3137 +3138
CBEAM 1236 CBEAM 1237 CBEAH 1238 CBEAH 1241 CBEAM 1242 CBEAM 1242 CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1246 CBEAM 1246 CBEAM 1247 CBEAM 1246 CBEAM 1256 CBEAM 1250 CBEAM 1252 CBEAM 1252 CBEAM 1252 CBEAM 1252 CBEAM 1252	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247 1251 1252 1253 1254	139 138 137 136 135 134 100 127 99 126 98 125 97 96 106 130	141 140 139 138 137 136 135 101 127 99 126 98 125 97 107	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0.	0.		CBEAM 3132 +3132 -585AM 3133 +3133 -5133 -585AM 3134 -585AM 3135 -585AM 3136 -585AM 3137 -685AM 3138 -63138 -63138 -63138 -63138 -63139	56 3133 6 3133 3135 3136 6 3137 3138 3138 56 3140 3140 3140 3140 3144 3145	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3081	3079 3083 3077 3078 3078 3083 3084 3081 3082 3084 3085 3081 3085 3081	0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 1. 0. 1. 1. 1. 1. 1.	+3136 +3137 +3138 +3139
CBEAM 1236 CBEAM 1237 CBEAH 1237 CBEAH 1241 CBEAH 1242 CBEAM 1242 CBEAM 1244 CBEAM 1244 CBEAM 1247 CBEAM 1247 CBEAM 1247 CBEAM 1257 CBEAM 1257 CBEAM 1252 CBEAM 1253 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 1254 CBEAM 12554 CBEAM 1256	1234 1236 1237 1238 1241 1242 1243 1244 1245 1246 1246 1251 1252 1253 1254 1255 1255	139 138 137 136 135 134 100 127 99 126 98 125 97 96 105 130 105 129 104	141 140 139 138 137 136 135 100 127 99 126 98 125 97 107 106 130 105 129	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 -5824 3133 +3133 5 -5824 3134 -5824 3135 -5824 3136 -5824 3137 -6824 3137 -6824 3139 -6824 3139 -6824 3139 -6824 3140 -6824 3140 -6824 3141 -6824 3144 -6824 3146	56 3133 6 3133 3135 6 3137 3138 3138 3140 3140 3140 3140 3140 3144 3145 3146	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3081 3082	3079 3083 3077 3078 3078 3083 3084 3081 3084 3085 3081 3082 3084	0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 1. 0. 1. 1. 1. 1. 1.	+3136 +3137 +3138 +3139
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAH 1242 CBEAH 1242 CBEAH 1243 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1250 CBEAM 1250 CBEAM 1250 CBEAM 1250 CBEAM 1250 CBEAM 1250 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1257	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1257	139 138 137 136 135 134 100 127 99 126 98 125 97 96 106 130 105 129 104 128	141 140 139 138 137 136 135 100 127 99 126 98 125 97 107 106 130 130 129 104	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 -58EAM 3133 +3133 -58EAM 3134 -58EAM 3135 -58EAM 3136 +3136 -58EAM 3137 -58EAM 3137 -58EAM 3137 -58EAM 3138 -58EAM 3138 -58EAM 3138 -58EAM 3140 -58EAM 3140 -58EAM 3140 -58EAM 3140 -58EAM 3140 -58EAM 3140 -58EAM 3140 -58EAM 3140 -58EAM 3143 -58EAM 3143 -58EAM 3143 -58EAM 3143 -58EAM 3143 -58EAM 3144 -58EAM 3145 -58EAM 3145 -58EAM 3145 -58EAM 3145 -58EAM 3145 -58EAM 3145 -58EAM 3147 -	56 3133 6 3133 3135 3136 6 3137 3138 3138 56 3140 3140 3140 3140 3140 3140 3140 3140	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3081	3079 3083 3077 3078 3078 3083 3084 3081 3082 3084 3085 3081 3085 3081	0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 1. 0. 1. 1. 1. 1. 1.	+3136 +3137 +3138 +3139
CBEAM 1236 CBEAM 1237 CBEAM 1237 CBEAM 1241 CBEAM 1242 CBEAM 1242 CBEAM 1244 CBEAM 1245 CBEAM 1245 CBEAM 1246 CBEAM 1247 CBEAM 1247 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256	1234 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247 1248 1252 1253 1254 1255 1256 1257	139 138 137 136 135 100 127 99 126 98 125 97 96 106 130 105 129 104 128 103	141 140 139 138 137 136 135 101 100 127 99 126 98 125 107 107 106 130 109 129 129	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 -5824 3133 +3133 5 -5824 3134 -5824 3135 -5824 3136 -5824 3137 -6824 3137 -6824 3138 -6824 3139 -6824 3140 -6824 3141 -6824 3142 -6824 3144 -6824 3144 -6824 3144 -6824 3144 -6824 3144 -6824 3144 -6824 3144 -6824 3144 -6824 3144 -6824 3147 -7824 3144 -7824 3147 -7824 31	56 3133 6 3133 3135 6 3137 3138 3138 3140 3140 3140 3140 3140 3144 3145 3146	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3081 3082	3079 3083 3077 3078 3078 3083 3084 3081 3084 3085 3081 3082 3084	0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 1. 0. 1. 1. 1. 1. 1.	+3136 +3137 +3138 +3139
CBEAM 1236 CBEAM 1237 CBEAM 1238 CBEAM 1241 CBEAM 1241 CBEAM 1244 CBEAM 1244 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1250	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1246 1247 1248 1251 1252 1253 1254 1255 1256 1257	139 138 137 136 135 134 100 127 99 126 98 125 97 96 106 130 105 129 104 128	141 140 139 138 137 136 135 100 127 99 126 98 125 97 107 106 130 130 129 104	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 -585AM 3133 +3133 -5133 50 -585AM 3134 -585AM 3136 -585AM 3137 -685AM 3137 -685AM 3138 -685AM 3139 -785AM 3140 -785AM 3140 -785AM 3140 -785AM 3141 -785AM 3145 -785AM 314	56 3133 6 3133 3135 3136 6 3137 3138 56 3140 3140 3140 3140 3144 3145 3146 3146 3147 5	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3082 3084 3082 3084 3082	3079 3083 3077 3078 3083 3084 3081 3084 3085 3081 3082 3084 3085 3085 3085 3085	0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 1.	0. 0. 0. 1. 0. 1. 1. 1. 1. 1. 1. 1.	+3136 +3137 +3138 +3139 +3144 +3147
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CBEAM 1236 CBEAM 1237 CBEAM 1241 CBEAM 1242 CBEAM 1242 CBEAM 1244 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266 CBEAM 1266	1234 1236 1236 1237 1238 1241 1242 1243 1244 1245 1246 1252 1253 1255 1255 1255 1256 1257 1257 1261 1262 1263	139 138 137 135 135 134 100 127 99 126 98 125 97 96 106 109 109 109 112 112 113 102 112 113 113 113	141 140 139 138 137 136 135 100 127 100 127 100 125 97 107 106 130 105 129 104 128 103 113 112 133 111	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.		CBEAM 3132 +3132 -585AM 3133 +3133 +3133 -5133 -5133 -5134 -585AM 3134 -585AM 3136 -585AM 3137 -685AM 3137 -685AM 3138 +3138 56 -685AM 3140 -685AM 3141 -685AM 3143 -685AM 3144 -685AM 314	56 3133 6 3133 3135 3136 6 3137 3138 56 3140 3140 3140 3140 3144 3145 3146 3146 3147 5	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3082 3084 3082 3084 3082	3079 3083 3077 3078 3083 3084 3081 3084 3085 3081 3082 3084 3085 3085 3085 3085	0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 1.	0. 0. 0. 1. 0. 1. 1. 1. 1. 1. 1. 1.	+3136 +3137 +3138 +3139 +3144 +3147
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CBEAM 1236 CBEAM 1237 CBEAM 1237 CBEAM 1241 CBEAM 1241 CBEAM 1243 CBEAM 1243 CBEAM 1244 CBEAM 1245 CBEAM 1245 CBEAM 1245 CBEAM 1251 CBEAM 1252 CBEAM 1253 CBEAM 1253 CBEAM 1253 CBEAM 1253 CBEAM 1254 CBEAM 1255 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1256 CBEAM 1267 CBEAM 1268 CBEAM 1268 CBEAM 1268 CBEAM 1268 CBEAM 1268 CBEAM 1269 CBEAM 1269 CBEAM 1269 CBEAM 1269 CBEAM 1269 CBEAM 1269 CBEAM 1269 CBEAM 1269 CBEAM 2001 +BM2001 +BM2001 CBEAM 2002 CBEAM 2002 CBEAM 2003 CBEAM 2003 CBEAM 2004 -BM2004 CBEAM 2005 -BM2005 CBEAM 2005 -BM2005 CBEAM 2005 -BM2005 CBEAM 2005 -BM2005 CBEAM 2005 -BM	1234 1235 1236 1237 1241 1242 1243 1244 1245 1246 1247 1251 1252 1253 1254 1255 1256 1257 1261 1262 1263 1266 1267 1268 2001 2002 2003 2004 2005 2007	139 138 137 136 135 134 100 127 99 128 125 97 96 105 109 102 112 112 113 102 112 113 111 132 110 131 131 132 143 153 164 175 175 175 175 175 175 175 175	141 140 138 137 136 135 100 127 99 126 98 125 107 107 108 129 104 128 103 113 113 113 113 110 129 104 128 105 129 107 129 107 129 108 129 108 129 109 129 129 129 129 129 129 129 129 129 12	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2004 +BM2005	CBEAM 3132 +3132 -55 CBEAM 3133 -5 CBEAM 3134 -5133 5 -58 CBEAM 3136 +3136 -51316 -51316 -51317 -51317 -51318 -51318 -51318 -51319 -513	56 3133 3133 3135 3136 6 3137 3138 56 3140 3140 3144 3145 3147 5 3155 3155 3255 3255 3255 3391 3391 3391	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3080 3081 3082 3084 3080 3081 3082 3084 3080 3085 29 3196	3079 3083 3077 3078 3078 3083 3084 3085 3081 3082 3084 3085 3087 3087 3087 3090 3196 182 3197		1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	+3136 +3137 +3138 +3139 +3144 +3147 +3155 +3157 +3255 +3257 +3391 +3392 +3393
CBEAM 1236 CBEAM 1237 CBEAM 1241 CBEAH 1241 CBEAH 1242 CBEAH 1243 CBEAM 1244 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1246 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1259 CBEAM 1260 CBEAM 1260 CBEAM 1260 CBEAM 1260 CBEAM 1260 CBEAM 1260 CBEAM 1266 CBEAM 2000 CBEAM 2000 CBEAM 2000 CBEAM 2000 CBEAM 2000 CBEAM 2000 CBEAM 2000	1234 1235 1236 1237 1238 1241 1242 1243 1244 1245 1247 1251 1252 1253 1255 1256 1257 1258 1261 1262 1263 1264 1266 1267 1268 2001 2002 2003 2004 456 2005	139 138 137 136 135 134 100 127 99 126 98 125 99 106 130 105 129 104 128 103 113 113 113 113 113 113 113 113 113	141 140 139 138 137 136 135 100 127 100 128 100 129 106 129 107 107 108 109 1130 1130 1131 1131 1131 1131 1131	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	+BM2004	CBEAM 3132 +3132 -585AM 3133 +3133 +3133 -585AM 3135 -585AM 3135 -585AM 3136 -585AM 3137 -585AM 3137 -585AM 3139 -585AM 3141 -585AM 314 -585AM 3141 -5	56 3133 3133 3135 3136 6 3137 3138 56 3140 3140 3140 3140 3145 3146 3147 5 3155 3155 3255 3255 3255 3391 3391 456 3391	3076 3079 3082 3077 3084 3082 3083 3080 3081 3082 3084 3080 3081 3082 3084 3080 3081 3085 3080 3085 3080 3081 3082 3084	3079 3083 3077 3078 3078 3083 3084 3085 3084 3085 3087 3087 3089 3090 3090 3196 182 3197 38		1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 1. 1. 1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	0. 0. 1. 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	+3136 +3137 +3138 +3139 +3144 +3147 +3155 +3157 +3255 +3257 +3391 +3392 +3393 +3394

. 2226		456							1	+325	83.620					
+3396 CBEAM	3397	3391	183	3199	0.	0.	1.	+3397		CONM1 +326	326 33.148	81	0		+326	ő
+3397 CBEAM	456 3398	3391	3199	46	0.	0.	1.	+3398	Ì	CONM1	341	85	0		+341	1
+3398 CBEAM	3399	456 3391	3198	3200	0.	0.	1.		[+341 CONM1	.6 342	86	0		+342	2
CBEAM CBEAM	3400 3401	3391 3391	3200 3199	3196 3202	0. 0.	0. 0.	1. 1.]	+342 CONM1	1.6 343	87	0		+343	3
CBEAM	3402 3403	3391 3391	3202 3200	3197 3201	0. 0.	0. 0.	1. 1.	+3403		+343 CONM1	1.8 344	88	0		+344	4
CBEAM +3403	5				0.	0.	1.	+3404	j	+344 CONM1	1. 345	6	0		+345	5
CBEAM +3404	3404	3391 5	3201	3202				.5101	1	+345 CONM1	12.03 346	17	0		+346	6
CBEAM	3405 3406	3405 3405	3203 3204	3204 3205	0. 0.	0. 0.	1.			+346	57.78		-		+347	
CBEAM +3407	3407	3407 6	3204	3206	0.	1.	0.	+3407		CONM1 +347	347 10.08	5	0			
CBEAM	3408	3407 3409	3206 3207	3207 3208	0. 0.	1.	0.		i	CONM1 +348	348 42.72	15	0		+348	
CBEAM CBEAM	3409 3410	3409	3209	3212	0.	1.	0.			CONM1 +349	349 6.92	4	0		+349	9
CBEAM CBEAM	3411 3412	3405 3409	3210 3211	3211 3212	0. 0.	0.	1.			CONM1	350	13	0		+350	0
CBEAM CBEAM	3413 4148	3405 4148	3212 3086	3213 3087	0. 0.	0. 0.	1.			+350 CONM1	27.67 351	3	0		+351	1
CBEAM	4149 4150	4148 4148	3087 3088	3088 3090	0. 0.	0. 0.	1.		l	+351 CONM1	5.17 352	11	0		+352	2
CBEAM	4151	4151	3086 3087	3087 3088	0. 0.	0. 0.	1.			+352 CONM1	27.65 353	2	0		+353	3
CBEAM CBEAM	4152 4153	4151 4151	3088	3089	0.	0.	1.		1	+353 CONM1	4.08 354	9	0		+354	4
CBEAM CBEAM	4154 5002	4151 5002	3089 153	3090 267	0. 1.	0. 0.	1.		1	+354	3.71	95	0		+355	5
CBEAM CBEAM	5051 5052	5051 5052	156 458	458 459	1. 1.	0. 0.	0. 0.			CONM1 +355	355 9.133				+356	
CBEAM CELAS2	5053 61	5053 36.656	459	268 5	1. 35	0. 5	0.		Ì	CONM1 +356	356 6.765	107	0			
CELAS2 CELAS2	62	71.0E6 94.1E6	40	5	41 49	5 5			İ	CONM1 +357	357 .022	113	0		+357	
CELAS2	63 64	132.4E6	5 57	5	58	5				CONM1 +358	358 10.32	93	0		+358	8
CELAS2		110.086 51.7E6	82	5 5	70 83	5 5			-	CONM1	359	106	0		+359	9
CELAS2 CELAS2	67 191	5.0E6 11.25E		5 5	116 276	5 5			- 1	+359 CONM1	10.12 360	112	0		+360	0
	192	22.0E6 9.68E6	291	5 5	290 293	5 5				+360 CONM1	.149 361	124	0		+361	1
CELAS2	194	156610.	. 298	3	195 196	3				+361 CONM1	5.816 362	130	0		+362	2
CELAS2 CELAS2	1172	67829. 5650000	0.17	4	30	4			İ	+362 CONM1	7.986 363	133	0		+363	3
CELAS2 CELAS2	1173 1174	5590000 1600000		4 4	27 25	4				+363	.998		0		+364	
CELAS2 CELAS2	1175 1221	3307000		4	23 141	4			1	CONM1 +364	364 4.56	92			+365	
CELAS2	1222 1223	268300. 137300.	. 141	4	140 139	4 4				CONM1 +365	365 6.797	105	0			
CELAS2	1224	105200. 85600.	. 139	4	138 137	4				CONM1 +366	366 .952	111	0		+366	
CELAS 2		69900.	137	ì	136	4				CONM1 +367	367 3.296	123	0		+367	7
CELAS2 CELAS2	1228	57700. 40000.	135	4	135 134	4				CONM1	368	129	0		+368	8
CELAS2 CELAS2	1229 3161	6229750 193.E6		4	119 3083	4			1	+368 COMM1	4.727 369	132	0		+369	9
CELAS2 CELAS2	3414 3415	1515.E		4	3207 3208	4				+369 CONM1	.647 370	91	0		+370	0
CELAS2 CELAS2	3416	580.4E5	5 3204	6 6	3207 3209	6 6				+370 CONMI	2.069 371	104	0		+371	1
CELAS2 CONM1	3418 301	732.681 19		5	3209	5		+301		+371 CONM1	3.014 372	110	0		+372	2
+301	9.565							+302		+372 CONM1	.477 373	122	0		+373	3
CONM1 +302	302 16.770	72	0							+373 CONMI	1.784 374	128	0		+374	4
CONM1 +303	303 7.972	20	0					+303		+374	2.632				+375	
CONM1 +304	304 10.110	60	0					+304		CONM1 +375	375 .435	131	0			
CONM1 +305	305 7.755	73	0					+305		CONM1 +376	376 1.644	90	0		+376	
CONM1 +306	306 3.712	21	0					+306		CONM1 +377	377 2.354	103	0		+377	
CONM1	307	61	0					+307		CONM1 +378	378	109	0		+378	8
+307 CONM1	20.285 308	74	0					+308		CONM1 +379	379 .651	89	0		+379	9
+308 CONM1	9.982 309	51	0					+309		CONMI	380	102	0		+380	0
+309 CONM1	32.156 310	62	0					+310		+380 CONM1	1.075 381	108	0		+383	1
+310 CONM1	25.281 311	75	0					+311		+381 CONM1	.284 391	163	o		+39:	1
+311 CONM1	14.285 312	26	0					+312		+391 CONM1	314.21 392	153	0		+392	2
+312	42.942		0					+313		+392 CONM1	463.77 393	154	0		+39:	3
CONM1 +313	313 57.288	52						+314		+393 CONM1	870.68 394	155	0		+39	4
CONM1 +314	314 46.648	64	0							+394	1299.38	3	0		+39!	
CONM1 +315	315 20.983	77	0					+315		CONM1 +395	395 1545.78					
CONM1 +316	316 60.677	29	0					+316		+396	396 1799.25		0		+39	
CONM1 +317	317 80.964	44	0					+317		CONH1 +397	397 1412.77	71 7	0		+39	
CONMI	318	53	0					+318		CONM1 +398	398 893.77	286	0		+39	
+318 CONM1	74.861 319	65	0					+319		CONM1 +399	399 335.19	284	0		+39	9
+319 CONM1	56.266 320	78	0					+320		COMMI	400	281	0		+40	10
+320 CONM1	28.341 321	33	0					+321		+400 CONM1	708.33 401	163	0	314.21		
+321 CONM1	37.854 322	39	0					+322		CONM1	402 403	153 154	0	463.77 870.68		
+322	99.621	47	0					+323	:	CONM1 CONM1	404 405	155 156	0	1299.38 1545.78		
CONM1 +323	323 105.244	ļ.						+324		CONM1 CONM1	406 407	42 71	0	2036.16 2468.11		
CONM1 +324	324 95.811	56	0							CONHI	408	286	0	893.77 311.29		
CONMI	325	68	0					+325		CONMI	409	284	U	311.43		

									2045	2002		200.		200.			+3045
CONM1 CONM1	410 411	281 153	0	796.72		+411		CONM1 +3045	3045 200.	3088		200.	236476.			236476.	+3045A
+411 +411A		119126.				+411	. А	+3045A CONM1	3176	19 4 7. 3076	0					236476.	+3176
CONMI	412	154	0			+412 +412		+3176 CONM1	25.4 3177	3079	0			25.4			
+412 +412A		498740.					-	CONMI	3178	3080	0	56.46					+3178
CONM1 +413	413	155	0			+413 +413		+3178 CONM1	56.73 3179	3081	0						+3179
+413A CONM1	414	233410. 156	0			+414		+3179 CONM1	-4.88 3180	3082	0	7.47					
+414	414		•			+414		CONM1	3181 3182	3083 3085	0	35.77		87.0			+3182
+414A CONM1	415	865169. 42	0			+415		+3182	35.15								+3427
+415 +415A		1051483				+415	·^	CONM1 +3427	3427 208.0	3204	0		125.E3				13121
CONM1	416	71	C			+416 +416		CONM1 CONM1	3428 3429	3206 3207	0	208.0		208.			+3429
+416 +416A		1042917				+417	1	+3429 +3429A								125.E3	+3429A
CONM1 +417	417	286	0			+417		CONM1	3430	3210	0	.01					+40430
+417A CONM1	418	556929. 284	0			+418	,	+40430 CONM1	.01 3431	3211	0	229.3					+40431
+418	•••	756147.				+418	BA	+40431 +40431A		32000.			561149.			561149.	+40431A
+418A CONM1	430	195	0			+430)	CONM1	3432 3433	3212 3213	0	2.0		231.3			+40433
+430 CONMI	-82.94 431	296	0			+431		+40433	2.0		•		0	0.	0.		+000001
+431 CONM1	432	296	0		3803477.	+432	:		3501 1448146.		3013.92		0.	447868.	5		+000002
+432	2073.44		0		12204.0			CONM2 ++00000	3504 366538.0	3501)1	6769.7	138.	0.	0. 62828.6	0. 0		+000003 +000004
CONM1	433 434	42 437	Ö		12201.0	+434		CONROD		272 233	233 1233	2	.0001	16.0975			
+434 +434A					:	+434 19.7E6		CONROD	2202	233	2233	2	.0001				
CONM1 +435	435	281	0			+435 +435		CONROD	2203 2204	251 251	1251 2251	2	.0001				
+435A	•••		0		!	945062. +436		CONROD	2205 2206	252 252	1252 2252	2	.0001				
CONM1 +436	436	410	U			+436		CONROD	2207 2208	253 253	1253 2253	2	.0001				
+436A CONM1	437	502624. 410	0			+437		CONROD CONROD	2209	254	1254	2	.0001				
+437 +437A					:	+437 3604069.	'A	CONROD	2210 2211	254 255	2254 1255	2	.0001				
CONM1	438	410	0	1990.5		+446		CONROD	2212 2213	255 256	2255 1256	2	.0001				
CONM1 +446	446 4.65	251						CONROD	2214	256 257	2256 1257	2	.0001				
CONM1 +447	447 5.123	252	0			+447	1	CONROD	2215 2216	257	2257	2	.0001				
CONM1 +448	448 4.812	253	0			+446	,	CONROD	2217 2218	258 258	1258 2258	2	.0001				
CONM1	449	254	0			+449	,	CONROD	2219 2220	259 259	1259 2259	2	.0001				
+449 CONM1	3.069 450	255	0			+450) [CONROD	2221 2222	260 260	1260 2260	2	.0001				
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+451 CONM1	2.547 452	233	0			+452	,	CONROD	2224 2225	261 262	2261 1262	2 2 2	.0001				
+452	176.302		0			+453		CONROD	2226 2227	262 263	2262 1263	2	.0001				
CONM1 +453	453 31.053	257					ł	CONROD	2228 2229	263 264	2263 1264	2	.0001				
CONM1 +454	454 17.674	258	0			+454		CONROD	2230	264	2264	2	.0001				
CONM1 +455	455 11.742	259	0			+455	•	CONROD	2231 2232	265 265	1265 2265	2	.0001				
COMM1 +456	456 7.391	260	0			+456	5	CONROD	2233 2234	266 266	1266 2266	2	.0001				
COIMI	457	261	0			+457	7	CONROD	3010 3160	3004 3080	3007 3082	2		4.5 20.			
+457 COMM1	2.877 458	262	0			+458	3	CORD1R	5	701	702 0	703	-63.574		-294.24	7	*CORD3A
+458 CONM1	3.675 459	263	0			+459	,	CORD2C • CORD3A	0.		-143.39	8002	-351.53		0.	•	+CORD3B
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+461	2.73					+462	ì		57.2946 601	6361 601	-362.54 1033	03399 1039	0. 1038	1032			
CONM1 +462	462 .976	266	0			T-102	•	CQUAD4	602	602	1039	1047	1046	1038			
CONM1	501 502	407 409	0	18.24 24.64			İ	CQUAD4 CQUAD4	603 604	603 604	1047 1056	1056 1068	1055 1067	1046 1055			
CONM1	503 504	367 408	0	23.43 30.93				CQUAD4 CQUAD4	605 607	605 607	1068 1038	1081 1182	1080 1181	1067 1030			
CONMI	505	368	0	4.55 15.9			1	CQUAD4 CQUAD4	608 609	608 609	1038 1046	1046 1055	1183 1184	1182 1183			
CONM1	506 507	359 384	0	15.24			1	CQUAD4	610	610	1055	1067	1185	1184			
CONM1 CONM1	508 509	389 369	0	.75 3.81				CQUAD4 CQUAD4	611 613	611 613	1067 1182	1080 1183	1186 1044	1185 1029			
CONM1 CONM1	510 511	360 385	0	6.67 5.77			i	CQUAD4 CQUAD4	614 615	614 615	1183 1184	1184 1185	1053 1065	1044 1053			
CONM1	512	390	0	1.11				CQUAD4 CQUAD4	616 618	616 618	1185 1027	1186 1044	1078 1188	1065 1187			
CONM1	513 514	370 361	0	2.55 3.55			ļ	CQUAD4	619	619	1044	1053	1189	1188			
CONM1 CONM1	515 516	386 391	0	3.1 .93				CQUAD4 CQUAD4	620 621	620 621	1053 1065	1065 1078	1190 1191	1189 1190			
CONM1	517 518	371 362	0	1.12				CQUAD4 CQUAD4	623 624	623 624	1188 1189	1189 1190	1052 1064	1026 1052			
CONM1	519	387	0	2.4			Ì	CQUAD4 CQUAD4	625 627	625 627	1190 1025	1191 1052	1077 1193	1064 1192			
CONM1	520 521	392 393	0	-59 -37				CQUAD4	628	628	1052	1064	1063	1193			
CONM1	522 523	373 364	0	1.94 .48				CQUAD4	632 633	632 633	1192 1193	1193 1063	1051 1062	1024			
CONM1 CONM1	524 525	381 383	0	2.66				CQUAD4 CQUAD4	634 635	634 635	1063 1245	1245 1076	1244 1075	1062 1244			
CONM1	526	281	٠	-05	922022	+52	6	CQUAD4 CQUAD4	639 640	639 640	1062 1062	1061 1244	1021 1243	1022 1061			
+526 CONM1	3020	3004			822933.	+30	20	CQUAD4	641	641	1244	1075	1074	1243 1020			
+3020 CONM1	23.24 3021	3006				+30:	21	CQUAD4 CQUAD4	643 644	643 644	1021	1061 1243	1242	1060			
+3021 CONM1	21.35 3022	3009				+30	22	CQUAD4 CQUAD4	645 648	645 648	1243 1060	1074 1242	1073 1143	1242 1019			
+3022 CONM1	14.41 3023	3002				+30	1	CQUAD4 CQUAD4	649 661	649 661	1242 1142	1073 1101	1072 1100	1143 1141			
+3023	16.5					. 34	f	CQUAD4	662	662	1101	1107	1106	1100			

COUNDA CO	663 664 665 666 667 6678 6771 6772 6774 6773 6774 6777 678 6879 680 681 1602 1603 1604 1605 1608 1608 1608 1601 1611 1615 1618 1616 1618 1616 1618 1616 1618 1618 1619	663 664 665 666 666 667 671 671 673 674 675 677 679 680 681 682 683 684 602 603 604 605 608 609 610 611 613 614 615 618 618 619 619 619 619 619 619 619 619 619 619	1107 1141 1106 1140 1127 1139 1109 1105 1138 1128 1129 1105 1138 1129 1107 1098 1104 1125 1136 1125 1136 1125 128 128 128 128 128 128 128 128 128 128	1113 1100 1106 1112 1127 1130 1133 1099 1105 1111 1126 1129 1132 1104 1110 1125 1128 1109 2039 7 1109 2039 2039 2068 2081 2081 2081 2081 2081 2081 2081 208	1112 1127 1133 1099 1105 1111 1126 1129 1132 1098 1104 1110 1125 1131 1131 1131 1131 1131 1131 1131	1106 1140 1127 1130 1139 11099 1105 1138 1126 1127 1137 1104 1136 1128 1128 1128 1104 1135 1102 2038 2046 2055 2067 2038 2046 2055 2067 2082 2082 2084 2084 2085 2084 2085 2086 2086 2087 2088 2088 2088 2088 2088 2088 2088					+1709 CQUADE +1710 CSHEAR	81 82 201 202 203 204 205 206 207 208 642	2515 710 2516 71 72 73 74 75 76 71 72 202 203 201 201 202 203 204 201 202 203 204 642 655 655 655 656 657 659 6642 6442 6442 6442 6442 6442 6442 644	2260 1034 1048 1057 1069 1094 2034 2048 2057 2069 2094 1465 1275 1280 1114 2465 2275 2280 1176 1073 1007 1176 1176 1176 1176 1177 1003 1173 1007 1173 1007 1174 1003 1173 1007 1075 1075 1075	2265 1040 1048 1057 1069 2040 2048 2057 2069 2464 1276 1276 1290 1468 1018 1018 1018 1018 1018 1018 1018 10	2266 1037 1045 1054 1064 1121 1114 2037 2045 2054 1464 1276 1464 1276 1466 2276 2293 1087 1086 1011 1179 1012 1178 1010 1177 1194 1008	2261 1031 1037 1045 1054 1066 1121 2031 2037 2045 2054 2066 2121 1465 1275 2467 2275 22467 2275 21074 1073 1072 1074 1075 1074 1073 1176 1075 1074 1073 1176 1075 1074 1073 11774 117	99.5 2521 99.5	2526	+1710
CQUADA CQUADA	1620 1621 1623 1624 1625 1627 1628 1632 1632 1633 1634 1635 1640 1640 1640 1640 1640 1640 1640 1640	620 621 623 624 625 627 632 633 634 635 641 643 641 645 664 662 663 664 665 667 666 667 667 670 670 671 673 674 675 676 678 678 678 678 678 678 678 678 678	2053 20653 21889 21890 20252 2192 2052 2192 2063 2245 2062 2062 2062 2062 2142 2061 2243 2060 2140 2140 2140 2140 2130 2130 2130 2130 2130 2130 2130 213	2065 2078 2189 2199 2052 2064 2193 2065 2245 2076 2244 2075 2061 2244 2073 2107 2107 2107 2107 2113 2074 2121 2127 2130 2106 2112 2127 2130 2106 2112 2127 2130 2106 2112 2127 2127 2127 2127 2130 2106 2112 2127 2127 2127 2127 2127 2127 212	2190 2191 2052 2062 2077 2193 2063 2051 2062 2244 2075 2024 2074 2062 2243 2074 2062 2113 2130 2133 2072 2112 2127 2127 2127 2127 2127 2127	2189 2190 2026 2052 2064 2193 2024 2051 2062 2243 2020 2244 2022 2060 2243 2020 2143 2020 2140 2143 2141 2100 2106 2140 2120 2139 2099 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2138 2129 2139 2199 2199 2199 2199 2199 2199						1651 1652 1653 1653 1655 1655 1655 1655 1658 1658 1658 1658	651 652 653 654 655 655 655 655 657 658 669 6612 612 612 622 626 631 632 631 637 638 647 632 631 637 637 638 637 637 638 637 637 637 637 637 637 637 637 637 637	2007 2006 2007 20176 20074 2175 20074 2173 2002 3095 1032 1181 1029 1187 1026 1064 1064 1064 1065 1062 2018 2029 2187 2029 2187 2026 2064 2077 2026 2051 2051 2051 2051 2051 2051 2051 2051	2018 2018 2016 2180 2017 2017 2017 2017 2177 2194 3096 1038 1182 1044 1188 1052 1045 1076 1023 1022 1024 1022 2038 2182 2044 2188 2052 2245 2052 2245 2052 2245 2052 2257	2016 2130 2014 2179 2012 2178 2010 2177 2194 2008 1030 1029 1027 1026 1025 1063 1245 1024 1023 1051 1060 2030 2027 2026 2030 2027 2026 2025 2063 2245 2245 2245 2245 22245 2223 2051 2060 1233	2006 2176 2178 2005 2178 2004 2174 2003 2173 2002 2001 3093 3097	1512	1517	+706
CQUAD4 CQUAD4 CQUAD4 CQUAD4 CQUAD8	1681 1682 1683 1684 701	681 682 683 684 701	2128 2135 2097 2103 1257	2131 2097 2103 2109 1252	2109 2096 2102 2108 1251	2103 2134 2096 2102 1233	1507	1501	+701		CTRIA6 +1706 DMIG DMIG *9001	1706 99.5 VTAIL *VTAIL 357	706 0	2262 6 357 1	2257	2233 0 1 0.1274	2518 40E+06	2512	2517	+1706 +9001
+701 CQUAD8 +702	1506 702 1508	1512 702 1502	1252	1257	1258	1253	99.5 1507 99.5	1513	+702		DMIG *9002 *9003	*VTAIL 357 358		358 1 1		1 2170 0.6808				+9002 +9003
CQUAD8 +703 CQUAD8	703 1509 704	703 1503 704	1253 1254	1258 1259	1259 1260	1254 1255	1508 99.5 1509	1514 1515	+703 +704		*9004 *9005	*VTAIL 357 358		359 1 1		1 0.3521 1933				*9004 *9005 *9006
+704 CQUAD8	1510 705	1504 705	1255	1260	1261	1256	99.5 1510	1516	+705		*9006 DMIG	359 +VTAIL		1 360		0.7172				*9007 *9008
+705 CQUADB	1511 707 1519	1505 707 1513	1257	1262	1263	1258	99.5 1518 99.5	1523	+707		+9007 +9008 +9009	357 358 359		1 1 1		0.4564 3016 9034	24E+03			+9009 +9010
+707 CQUAD8 +708	708 1520	708 1514	1258	1263	1264	1259	1519 99.5	1524	+708	ļ	*9010 DMIG	360 *VTAIL		1 361		0.5076				+9011
CQUAD8 +709	709 1521	709 1515	1259	1264	1265	1260	1520 99.5	1525	+709		*9011 *9012	357 358		1		1317 0.3152 1031	15E+03			*9012 *9013 *9014
CQUAD8 +710	710 1522	710 1516	1260	1265	1266	1261 2233	1521 99.5 2507	1526 2501	+710 +1701		*9013 *9014 *9015	359 360 361		1 1 1		5044 0.4681	58E+04			+9015
+1701	1701 2506	701 2512 702	2257 2252	2252	2251 2258	2253	99.5 2507	2513	+1702		DMIG *9016	*VTAIL		362 1		1 0.7397				*9016 *9017
CQUAD8 +1702 CQUAD8	1702 2508 1703	702 2502 703	2252	2257	2259	2254	99.5 2508	2514	+1703		*9017 *9018	358 359		1		3139 0.8414	43E+02 53E+02			*9018 *9019
+1703 CQUAD8	2509 1704	2503 704	2254	2259	2260	2255	99.5 2509	2515	+1704		*9019 *9020	360 361		1 1			72E+05			*9020 *9021
+1704 CQUAD8	2510 1705	2504 705	2255	2260	2261	2256	99.5 2510	2516	+1705		+9021 DMIG +9022	362 *VTAIL 357		1 363 1		1	15E+05 26E+00			*9022 *9023
+1705 CQUAD8	2511 1707	2505 707	2257	2262	2263	2258	99.5 2518 99.5	2523	+1707		*9023 *9024	358 359		1 1		2066	21E+01 71E+02			+9024 +9025
+1707 CQUAD8 +1708	2519 1708 2520	2513 708 2514	2258	2263	2264	2259	2519 99.5	2524	+1708		*9025 *9026	360 361		1		1286 0.1429	79E+03 36E+04			*9026 *9027
CQUAD8	1709	709	2259	2264	2265	2260	2520	2525	+1709		+9027	362		i			53E+05			•9028

					•9133	371	1	~.467290E+02	+9134
+9028	363	1	0.334950E+05	+9029	+9133	372	1	0.428324E+01	*9135
DMIG *9029	*VTAIL 357	364 1	178665E+00	+9030	+9135	373	1	914807E+00	•9136
*9030	358	ī	0.286879E+01	*9031	+9136	375	1	0.925573E+06	+9137
+9031	359	1	179730E+02	*9032 *0033	DMIG *	*VTAIL 357	376 1	0,922286E+03	+9138
+9032	360	1	0.822153E+02 308830E+03	*9033 *9034	+9138	358	1	0.3490618+04	+9139
*9033 *9034	361 362	1	0.163581E+04	+9035	+9139	359	1	272521E+05	*9140
+9035	363	ī	934300E+04	+9036	*9140	360	1	0.153243E+04	*9141 *9142
*9036	364	1	0.133364E+05	+9037	*9141 *9142	361 362	1	0.667605E+03 740884E+01	+9143
DMIG	*VTAIL	367 1	1 0.156429E+04	*903 <i>7</i>	+9143	363	i	243058E+02	*9144
*9037 *9038	357 358	1	126722E+05	→9039	+9144	364	1	0.5839736+00	*9145
+9039	359	1	249630E+02	*9040	+9145	367	1	0.1940378+04	*9146
*9040	360	1	0.2523575+03	+9041	*9146 *9147	368 369	1	0.129929E+04 0.235053E+04	*9147 *9148
*9041	361	1	0.220342E+02 348368E+01	*9042 *9043	+9148	370	1	0.756407E+03	+9149
*9042 *9043	362 363	1	0.213553E-02	+9044	+9149	371	1	0.771059E+02	*9150
*9044	364	1	0.287588E+00	*9045	*9150	372	1	600606E+00	*9151 *9152
*9045	367	1	0.5731598+05	+0016	*9151 *9152	373 375	1	0.197780E+01 311505E+05	*9153
DMIG	*VTAIL	368 1	1 0.150006E+03	*9046 *9047	+9153	376	1	0.109246E+06	****
*9046 *9047	357 358	1	349447E+04	+9048		*VTAIL	377	1	•9154
+9048	359	ī	184666E+05	*9049	+9154	357	1	0.317443E+03	*9155
*9049	360	1	597411E+03	*9050 *9051	*9155 *9156	358 359	1	0.219380E+04 0.208271E+04	*9156 *9157
*9050	361	1	0.413201E+03 489800E+02	+9052	+9157	360	i	279276E+05	*9158
*9051 *9052	362 363	1	271009E+00	+9053	+9158	361	1	0.110103E+04	+9159
+9053	364	ī	202789E+01	*9054	*9159	362	1	0.550257E+03	*9160 *9161
+9054	367	1	502776E+04	*9055	*9160 *9161	363 364	1	0.811533E+02 211053E+00	*9162
+9055	368	1 369	0.246725E+05	* 9056	*9162	367	1	0.716540E+03	*9163
DMIG •9056	*VTAIL 357	1	0.292477E+03	*9057	•9163	368	1	0.171546E+04	*9164
+9057	358	ī	0.106678E+04	*9058	*9164	369	1	0.884905E+03	*9165 *9166
*9058	359	1	372974E+04	+9059	*9165 *9166	370 371	1	0.158823E+04 0.561757E+03	19167
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+9062	363	1	0.516836E+00	*9063	•9169	375	1	0.363833E+04	*9170 *9171
•9063	364	1	141972E+02	+9064	*9170 *9171	376 377	1	187741E+05 0.775901E+05	- 91/1
+9064 +9065	367 368	1	0.245134E+03 625047E+04	*9065 *9066		*VTAIL	378	1	*9172
+9065	369	1	0.208907E+05	,,,,,	+9172	357	1	110646E+02	*9173
DMIG	*VTAIL	370	1	* 9067	*9173	358	1	0.133390E+03	*9174 *9175
*9067	357	1	0.109520E+02	*9068 *0060	*9174 *9175	359 360	1	0.711357E+03 0.202839E+04	9176
*9068	358	1	429165E+02 0.371999E+03	*9069 *9070	+9176	361	1	261682E+05	*9177
*9069 *9070	359 360	1	238343E+04	÷9071	+9177	362	ī	0.1395745+04	*9178
+9071	361	ī	147446E+05	+9072	*9178	363	1	0.8728998+03	*9179 *9180
+9072	362	1	0.690143E+03	*9073	*9179 *9180	364 367	1	0.177372E+03 0.741269E+02	+9181
+9073	363	1	0.723676E+03 0.244021E+02	*9074 *9075	*9181	368	i	0.487425E+03	*9182
*9074 *9075	364 367	i	574195E+02	+9076	+9182	369	1	0.121023E+04	*9183
+9076	368	ī	0.416297E+03	*9077	+9183	370	1	0.188910E+04	*9184
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*9078	370	1 371	0.182966E+05 1	÷9079	+9186	373	1	0.127903E+03	*9187
DMIG +9079	*VTAIL 357	1	319898E+00	*9080	+9187	375	1	234087E+03	+9188
+9080	358	ī	105520E+02	*9081	+9188	376	1	0.178520E+04	*9189 *9190
•9081	359	1	0.537074E+02	*9082 *9083	*9189 *9190	377 378	1 1	113866E+05 0.701957E+05	- 9190
*9082 *9083	360 361	1	0.115046E+03 455381E+03	+9084		*VTAIL	379	1	*9191
+9084	362	1	131301E+05	*9085	+9191	357	1	0.5550978+00	+9192
+9085	363	1	0.208463E+04	•9086	*9192	358	1	383492E+02	*9193 *9194
*9086	364	1	271085E+03 0.123231E+02	*9087 *9088	*9193 *9194	359 360	1	0.749947E+02 0.542347E+03	*9195
*9087 *9088	367 368	1	234544E+03	*9089	+9195	361	ī	0.295398E+04	*9196
+9089	369	ī	0.874696E+03	*9090	+9196	362	1	156110E+05	*9197
+9090	370	1	744486E+04	+9091	*9197 *9198	363 364	1	0.237945E+03 0.100000E+04	*9198 *9199
+9091	371 *VTAIL	1 372	0.300624E+05	+9092	•9199	367	1	853152E+01	*9200
DMIG *9092	357	1	0.463602E+00	+9093	+9200	368	1	0.224612E+02	*9201
+9093	358	1	677371E+01	*9094	+9201	369	1	0.450535E+03	*9202 *9203
• 9094	359	1	134083E+02	*9095 *9096	*9202 *9203	370 371	1	0.123586E+04 0.192022E+04	+9204
*9095 *9096	360 361	1	0.577641E+02 0.669330E+02	+9097	+9204	372	î	0.747017E+03	+9205
+9097	362	ī	915742E+03	*9098	+9205	373	1	0.679657E+03	*9206 *9207
+9098	363	1	544593E+04	*9099 *9100	*9206 *9207	375 376	1	0.693183E+02 525747E+03	*9208
*9099 *9100	364 367	1	0.116824E+04 794538E+01	*9100 *9101	+9207	377	1	0.1938728+04	*9209
*9101	368	i	0.7891938+02	•9102	*9209	378	1	143803E+05	*9210
•9102	369	1	316023E+03	*9103	*9210	379	1	0.259716E+05 1	+9211
*9103	370	1	0.187626E+04 192798E+05	*9104 *9105	DMIG *9211	*VTAIL 357	380 1	681648E-01	*9212
*9104 *9105	371 372	1 1	0.276338E+05	3100	•9212	358	i	0.121017E+01	+9213
DMIG	*VTAIL	373	1	*9106	*9213	359	1	388187E+01	+9214
*9106	357	1	0.484957E-02	*9107	*9214	360	1	0.424170E+02 0.491571E+03	*9215 *9216
*9107	358	1	0.440965E+00	*9108 *9109	+9215 +9216	361 362	1	0.491571E+03 0.156462E+04	+9217
*9108 *9109	359 360	1	691597E+00 875753E+00	*9110 *9110	•9217	363	i	188062E+05	*9218
*9109 *9110	361	1	0.3633625+02	*9111	*9218	364	1	222663E+04	*9219
*9111	362	1	0.411035E+01	*9112	+9219	367	1	0.511802E+00	*9220 *9221
+9112	363	1	163347E+04 258823E+04	*9113 *9114	*9220 *9221	368 369	1	337087E+01 0.222733E+02	+9222
*9113 *9114	364 367	1	258823E+04 0.345739E+00	+9114	*9222	370	1	0.254233E+03	*9223
*9115	368	ì	422117E+91	*9116	*9223	371	1	0.570111E+03	+9224
*9116	369	i	0.101714E+02	*9117	+9224	372 373	1	0.211878E+04 0.303574E+03	*9225 *9226
+9117	370	1	633944E+02 0.270474E+04	*9118 *9119	+9225 +9226	375	1	236553E+02	*9227
*9118 *9119	371 372	1	730833E+04	*9120	+9227	376	1	0.872011E+02	*9228
+9120	373	1	0.7031318+04		+9228	377	1	226099E+03	*9229 *9230
DMIG	*VTAIL	375	2200455+04	*9121 *9122	*9229 *9230	378 379	1	0.236420E+04 100636E+05	*9230
*9121 *9122	357 358	1	230046E+04 497159E+05	*9122 *9123	*9231	380	i	0.832375E+05	
+9122	359	1	0.157355E+04	*9124	DMIG	*VTAIL	381	1	*9232 *0233
*9124	360	1	0.126726E+04	*9125	*9232	357	1	215496E-02 127980E+00	*9233 *9234
+9125	361	1	0.195618E+03	*9126 *9127	*9233 *9234	358 359	1	670087E+00	+9235
*9126 *9127	362 363	1	247898E+02 0.635440E+01	*9127 *9128	19235	360	1	448327E+01	*9236
•9127 •9128	364	1	784751E+00	+9129	+9236	361	1	502647E+02	+9237
+9129	367	1	0.378804E+03	+9130	+9237	362	1	0.467089E+02	*9238 *9239
*9130	368	1	142639E+04	*9131 *9132	*9238 *9239	363 364	1	0.1639775+04 4794456+04	+9240
*9131 *9132	369 370	1	0.123205E+04 0.216183E+03	*9133	+9240	367	i	1106716+00	*9241
								•	

•9241	368	1	0.669332E+00	+9242	+9351	385	1	0.349451E+05	
+9242	369	1 .	571058E+01	*9243	DMIG +9352	*VTAIL 357	386 1	1 0.106815E+00	*9352 *9353
*9243 *9244	370 371	1	182164E+02 460481B+02	*9244 *9245	+9353	358	1	224760B+02	*9354
+9245	372	1	0.878765E+02	*9246	*9354 *9355	359 360	1	0.196095E+03 359483E+03	*9355 *9356
*9246 *9247	373 375	1	0.449404E+03 0.842499E+01	*9247 *9248	+9356	361	1	0.606719E+04	+9357
*9248	376	1	320128E+02	*9249	*9357 *9358	362 363	1	0.281741E+03 0.117268E+03	*9358 *9359
*9249 *9250	377 378	1	0.773381E+02 617478E+03	*9250 *9251	+9359	364	1	0.195964E+02	+9360
+9251	379	1	0.379035E+04	•9252	*9360 *9361	367 368	1	452626E+00 0.496996E+02	*9361 *9362
*9252 *9253	380 381	1	113558E+05 0.131793E+05	+9253	*9362	369	1	0.352965E+03	+9363
DMIG	*VTAIL	382	1	+9254	*9363 *9364	370 371	1	1422825+03 0.322191E+03	*9364 *9365
*9254 *9255	357 358	1	211797E-02 0.196775E-01	*9255 *9256	*9365	372	i	0.854219E+02	+9366
+9256	359	1	154809E+00	*9257	+9366 +9367	373 375	1	0.160192E+02 0.323717E+03	*9367 *9368
*9257 *9258	360 361	1	0.835219E+00 0.461861E+01	*9258 *9259	*9368	376	1	318383E+02	•9369
+9259	362	1	0.180099E+02	*9260	*9369 *9370	377 378	1	420586E+03 314870E+05	*9370 *9371
*9260 *9261	363 364	1	0.393001E+02 0.813303E+03	*9261 *9262	+9371	379	1	689858E+03	•9372
•9262	367	1	0.352611E-02	+9263	+9372 +9373	380 381	1	0.423422E+01 0.102897E+02	*9373 *9374
*9263 *9264	368 369	1	218807E-01 0.135616E+00	*9264 *9265	+9374	382	1	0.527408E+00	*9375
+9265	370	1	0.447717E+01	*9266 *9267	*9375 *9376	383 384	1	0.337155E-01 0.643374E+03	*9376 *9377
*9266 *9267	371 372	1	0.122064E+02 0.882424E+01	*9268	+9377	385	1	357044E+04	+9378
*9268	373	1	479232E+02	*9269 *9270	*9378 DMIG	386 *VTAIL	1 387	0.322247E+05 1	+9379
+9269 +9270	375 376	1	0.117696E+00 551862E+00	+9271	+9379	357	1	338835E+00	*9380
*9271	377	1	0.991771E+00	*9272 *9273	*9380 *9381	358 359	1	546516E-01 0.188194E+00	*9381 *9382
*9272 *9273	378 379	1	439420E+01 139387E+03	+9274	*9382	360	1	0.399533E-01	*9383
•9274	380	1	0.164894E+04	*9275 *9276	+9383 +9384	361 362	1	0.777587B-02 905881E-03	*9384 *9385
*9275 *9276	381 382	1	475810E+03 0.179643E+04		+9385	363	1	0.475235E-04	*9386
DMIG	*VTAIL	383	1	*9277 *9278	*9386 *9387	364 367	1	0.368288E-04 149039E-01	*9387 *9388
*9277 *9278	357 358	1	0.311274E-03 479934E-02	+9279	+9388	368	1	0.885053E-01	+9389
+9279	359	1	0.182106E-01	*9280 *9281	+9389 +9390	369 370	1	0.672132E-01 0.462911E-02	*9390 *9391
*9280 *9281	360 361	1	183852E+00 116182E+01	•9282	+9391	371	1	849053E-03	+9392
*9282	362	1	255904E+01	*9283 *9284	*9392 *9393	372 373	1	0.795566E-04 0.977434E-05	*9393 *9394
*9283 *9284	363 364	1	0.112750E+01 358622E+02	+9285	+9394	375	1	9606228+02	+9395
+9285	367	1	179107E-02	*9286 *9287	*9395 *9396	376 377	1	0.984160E+00 0.481161E-01	*9396 *9397
*9286 *9287	368 369	1	0.109064E-01 797350E-01	+9288	*9397	378	1	891686E-03	*9398
+9288	370	1	865236E+00	*9289 *9290	*9398 *9399	379 380	1	753510B-03 204675E-04	*9399 *9400
+9289 +9290	371 372	1	258086E+01 318473E+01	+9291	+9400	381	1	0.508574E-05	*9401
*9291	373	1	249386E+01	*9292 *9293	*9401 *9402	382 383	1	608804E-07 0.551832E-07	*9402 *9403
+9292 +9293	375 376	1	0.754849E-01 271080E+00	+9294	*9403	384	1	178513E+03	+9404
*9294	377	1	0.703442E+00	*9295 *9296	*9404 *9405	385 386	1 1	0.105938E+04 419783E+04	*9405 *9406
*9295 *9296	378 379	1	611849E+01 0.611220E+02	+9297	+9406	387	1	0.497765E+04	+0107
+9297	380	1	0.131850E+04 653645E+03	*9298 *9299	*9407	*VTAIL 357	388 1	1 0.396140E-01	*9407 *9408
+9298 +9299	381 382	1	643881E+03	+9300	+9408	358	1	893404E-01	*9409
•9300	383	1 384	0.830302E+03	+9301	*9409 *9410	359 360	1 1	0.845446E+00 468879E+01	*9410 *9411
DMIG *9301	*VTAIL 357	1	0.265363E+05	*9302	*9411	361	1	0.502871E+02 0.250159E+03	*9412 *9413
+9302 +9303	358 359	1	0.282354E+05 948610E+04	*9303 *9304	*9412 *9413	362 363	1	0.8746345+04	*9414
+9304	360	i	219314E+04	+9305	*9414	364	1	0.134833E+04 0.310222E-01	*9415 *9416
*9305 *9306	361 362	1	475010E+03 0.553337E+02	*9306 *9307	*9415 *9416	367 368	1	236734E+00	+9417
•9307	363	1	0.194540E+01	* 9308	*9417 *9418	369 370	1	0.235626E+01 0.161871E+02	*9418 *9419
*9308 *9309	364 367	1	384202E+01 0.284832E+04	*9309 *9310	+9419	371	1	0.211136E+02	*9420
*9310	368	1	1164485+04	*9311	*9420 *9421	372 373	1	961292E+03 0.278446E+03	*9421 *9422
*9311 *9312	369 370	1	338989E+04 157428E+03	*9312 *9313	+9422	375	1	0.1029055+02	+9423
+9313	371	1	0.485381E+02	*9314 *9315	*9423 *9424	376 377	1	286084E+01 0.459790E+01	*9424 *9425
+9314 +9315	372 373	1	926415E+01 122039E+01	* 9316	+9425	378	ī	225652E+02	*9426 *9427
*9316	375	1	569831E+06 948471E+05	*9317 *9318	*9426 *9427	379 380	1	362756E+03 513037E+05	+9428
*9317 *9318	376 377	i	370924E+04	*9319	*9428	381	1	124016E+04	*9429 *9430
*9319 *9320	378 379	1	157310E+03 0.111069E+03	*9320 *9321	*9429 *9430	382 383	1	303660E+04 859051E+03	*9431
+9321	380	i	182484E+02	•9322	+9431	384	1	0.185899E+02 106061E+03	*9432 *9433
+9322 +9323	381 382	1	0.664130E+01 0.991842E-01	*9323 *9324	*9432 *9433	385 386	1	0.590076E+03	*9434
+9324	383	1	0.593778E-01	*9325	+9434	387	1	160275E+04 0.483130E+05	*9435
*9325 DMIG	384 *VTAIL	1 385	0.149748E+07	+9326	*9435 DMIG	388 *VTAIL	389	1	*9436
+9326	357	1	0.710800E+01	*9327	*9436 *9437	357 358	1	0.103213B+02 0.166475E+01	*9437 *9438
*9327 *9328	358 359	1	0.285959E+03 443238E+03	*9328 *9329	+9438	359	1	573260E+01	+9439
*9329	360	1	0.490161E+04	*9330 *9331	*9439 *9440	360 361	1	121702E+01 236861E+00	*9440 *9441
*9330 *9331	361 362	1	323369E+03 0.898562E+02	+9332	•9441	362	1	0.275941E-01	+9442
*9332	363	1	795076E+01 406666E+01	+9333 +9334	*9442 *9443	363 364	1	144762E-02 112184E-02	*9443 *9444
*9333 *9334	364 367	1	0.952642E+02	*9335	+9444	367	1	0.453988E+00	+9445
+9335	368	1	0.256148E+03 0.903557E+03	*9336 *9337	*9445 *9446	368 369	1	269597E+01 204739E+01	+9446 +9447
+9336 +9337	369 370	1	0.597779E+03	*9338	*9447	370	1	141008E+00	+9448 +9449
*9338 *9339	371 372	1	0.124134E+03 470681E+01	*9339 *9340	+9448 +9449	371 372	1	0.258631E-01 242338E-02	*9450
*9339	372 373	1	373270E+00	*9341	+9450	373	1	297737E-03	*9451 *9452
*9341 *9342	375 376	1	139221E+04 419824E+03	*9342 *9343	*9451 *9452	375 376	1	0.292616E+04 299786E+02	*9453
*9343	377	ī	351213E+05	*9344	+9453	377	1	146567E+01	*9454 *9455
*9344 *9345	378 379	1	580778E+03 0.515640E+02	*9345 *9346	*9454 *9455	378 379	1	0.271617E-01 0.229527E-01	•9456
*9346	380	1	0.268160E+01	+9347	*9456	380	1	0.623463E-03 154917E-03	*9457 *9458
*9347 *9348	381 382	1	203257E+01 981071E-01	*9348 *9349	*9457 *9458	381 382	1	0.185448E-05	+9459
*9349	383	1	714582E-02	*9350	•9459	383 384	1	168094E-05 237751E+04	*9460 *9461
+9350	384	1	269212E+04	*9351	+9460	201	•		

						272	1	111039E+03	+9536
+9461		_	0.1872438+04	*9462 *9463	+9535 +9536	372 373	1	0.574412E+01	•9537
•9462			0.147890E+03 464456E+02	+9464	+9537	375	1	~.181739E+05	*9538
*9463 *9464		1	0.463955E+01	+9465	*9538	376	1	0.814804E+04 0.725627E+02	*9539 *9540
•9465	389		0.5070545+04	*9466	*9539 *9540	377 378	1	0.203894E+03	*9541
DMIG *9466			1 0.243494E+04	*9467	+9541	379	1	0.1260765+02	+9542
+9467		ī	408017E+04	+9468	+9542	380	1	261081E+01 0.555171E+00	*9543 *9544
•9468	386	1	0.137165E+04	*9469 *9470	+9543 +9544	381 382	1	0.415987E-02	+9545
*9469 *9470			414326E+04 0.591447E+04	24.10	+9545	383	1	0.517604E-02	+9546
DNIG		391	1	*9471	*9546	384	1	0.106276B+05 226352B+02	+9547 +9548
+9471			0.137165E+04 273356E+04	*9472 *9473	*9547 *9548	385 386	1	0.519700E+02	•9549
*9472 *9473		1	0.123460E+04	+9474	•9549	387	1	0.257476E+00	*9550 *9551
•9474	389	1	0.729919E+02	*9475 *9476	*9550 *9551	388 389	1	0.673053E+00 784298E+01	+9552
9475		1	160803E+04 0.320895E+04	-9476	*9552	406	ī	0.131935E+05	+9553
*9476 DMIG		392	1	*9477	+9553	107	5	0.195301E+08	+9587
+9477	366	1	0.123460E+04	*9478 *9479	DMIG *9587	*VTAIL 357	408 1	0.744264E+03	+9588
*9478		1	183606E+04 0.532735E+03	+9480	•9588	358	ī	0.120044E+03	*9589
*9479 *9480		1	270690E+02	+9481	+9589	359	1	413376E+03 877589E+02	*9590 *9591
*9481	390	1	0.120338E+03	*9482 *9483	*9590 *9591	360 361	1	170800E+02	+9592
*9482		1	161773E+04 0.207529E+04	- 3403	+9592	362	ī	0.198980E+01	*9593
*9483 DMIG		393	1	+9484	•9593	363	1	104387E+00 808958E-01	*9594 *9595
• 9484	387	1	0.571031E+03	*9485 *9486	+9594 +9595	364 367	1	0.327369E+02	+9596
*9485 *9486		1	673689E+03 0.223540E+01	+9487	+9596	368	1	194405E+03	+9597
+9487		î	993771E+01	+9488	+9597	369	1	147636E+03 101680E+02	+9598 +9599
*948 8		1	0.711305E+02	+9489 +9490	*9598 *9599	370 371	1	0.186498E+01	*9600
*9489 *9490		1	482110E+03 0.521340E+03	3130	+9600	372	1	174749E+00	*9601 *0603
DMIG		406	1	+9491	+9601	373 375	1	214697E-01 0.211004B+06	*9602 *9603
*9491		1	173625E+05 280045E+04	*9492 *9493	*9602 *9603	376	1	216175E+04	*9604
*9492 *9493		1	0.964342E+04	+9494	+9604	377	1	105689E+03	*9605 *9606
•9494		ī	0.204728E+04	+9495	*9605	378 379	1	0.195862E+01 0.165511E+01	+9607
•9495		1	0.398450E+03 464190E+02	*9496 *9497	*9606 *9607	380	1	0.449577E-01	•9608
+9496 +9497		1	0.243519E+01	+9498	*9608	381	1	111710E-01	*9609 *9610
•9498	364	1	0.188718E+01	+9499	*9609 *9610	382 383	1	0.133726E-03 121212E-03	*9611
*9499		1	763702E+03 0.453518E+04	*9500 *9501	+9611	384	i	0.418267E+05	•9612
*9500 *9501		1	0.3444135+04	*9502	*9612	385	1	0.214221E+03	*9613 *9614
+9502	370	1	0.237204E+03	+9503	*9613 *9614	386 387	1	445492E+02 0.145153E+02	*9615
•9503		1	435070E+02 0.407663E+01	*9504 *9505	*9615	388	1	144600E+01	*9616
+9504 +9505		1	0.500855E+00	*9506	*9616	389	1	~.442150E+03	*9617 *9618
+9506		1	443406E+06	+9507	*9617	406 407	1 5	361694E+06 565555E+03	•9619
+9507		1	0.504302E+05 0.246556E+04	*9508 *9509	*9618 *9619	407	i	0.834648E+02	+9620
*9508 *9509		1	456917E+02	+9510	*9620	408	1	0.109547E+06	+9656
+9510	379	1	386113E+02	+9511	DMIG	*VTAIL 357	409 1	1 262206E+05	+9657
•9511		1	104880E+01 0.260603E+00	*9512 *9513	*9656 *9657	358	1	103588E+04	•9658
+9512 +9513		1	311963E-02	+9514	+9658	359	1	0.214164E+04	+9659 +9660
*9514	383	1	0.282769E-02	+9515	+9659 +9660	360 361	1	0.293531E+03 0.269486E+02	*9661
+9515		1	968350E+06 0.197004E+04	*9516 *9517	*9661	362	1	242846E+01	+9662
*9516 *9517		1	358031E+03	* 9518	+9662	363	1	0.5256788-01	*9663 *9664
+9518	387	1	0.1002785+03	+9519	+9663 +9664	364 367	1	0.172746E+00 0.323348E+04	+9665
+9519		1	101088E+02 305457E+04	*9520 *9521	+9665	368	i	0.215706E+04	+9666
*9520 *9521		1	0.176490E+07	ì	*9666	369	1	0.503979E+03	+9667 +9668
DMIG	*VTAIL	407	1	*9554	*9667 *9668	370 371	1	0.246870E+02 255333E+01	+9669
+9554 +9555		1	911903E+05 0.728130E+04	*9555 *9556	+9669	372	1	0.824261E+00	*9670
+9556		î	0.231467E+03	+9557	*9670	373	1	0.127325E-01 458756E+05	•9671 •9672
*9557	360	1	841305E+02	*9558 *9559	*9671 *9672	375 376	1	0.207304E+03	*9673
*9558 *9559	361 362	I 1	0.529257E+01 984070E+00	+9560	*9673	377	1	0.280582E+02	*9674 *9675
+9560	363	1	0.155806E+00	*9561	*9674 *9675	378 379	1	203789E+02 339806E+01	+9676
+9561	364	1	0.153670E-01 501667E+05	*9562 *9563	•9676	380	ĩ	120555E+00	•9677
*9562 *9563	367 368	1	0.663999E+03	+9564	*9677	381	1	0.420144E-01	*9678 *9679
+9564	369	1	918211E+02	*9565 *9566	*9678 *9679	382 383	1	0.823926E-04 0.414972E-03	÷9680
+9565	370	1	0.891667E+00	*9567	+9680	384	1	0.520328E+05	+9681
*9566 *9567	371 372	1	955200E+00	+9568	+9681	385	1	0.124228E+01 178476E+01	*9682 *9683
+9568	373	1	0.604210E-01	*9569 *9570	*9682 *9683		1	785608E+00	+9684
+9569	375	1	290253E+04 0.464443E+03	+9571	+9684	388	1	0.666356E-01	*9685
*9570 *9571	376 377	i	0.589231E+02	* 9572	*9685		1	0.239304E+02 402560E+05	*9686 *9687
+9572	378	1	0.925670E+00	*9573 *9574	*9686 *9687		1 5	0.438355E+05	*9688
+9573 +9574	379 380	1	0.568770E+00 965196E-01	+9575	+9688		1	0.785184E+04	+9689
+9575	381	i	0.2530725-01	+9576	*9689		1	0.172562E+04 0.179613E+06	+9690 +9691
+9576	382	1	0.225246E-03	*9577 *9578	*9690 *9691		5 1	0.431661E+05	
*9577 *9578	383 384	1	0.233053E-03 0.675815E+04	+9579	DMIG	*VTAIL	409	5	*9621 *9622
+9579	385	ī	939438E+00	+9580	+9621		1	1080565+06 369272E+04	*9623
*9580	386	1	0.715953E+00 379983E-01	*9581 *9582	*9622 *9623		1	168866E+05	•9624
*9581 *9582	387 388	1	0.1027255-01	+9583	+9624	360	1	236393E+04	*9625 *9626
+9583	389	1	0.1157478+01	+9584	*9625 *9626		1	2296308+03 0.221145E+02	•9627
+9584	406	1	194711E+04 0.676867E+06	*9585 *9586	*9627		1	744120E+00	*9628
+9585 +9586	407 407	1	0.122983E+06		*9628	364	1	145670E+01 615575E+04	*9629 *9630
DMIG	*VTAIL	407	5	*9522 *9523	*9629 *9630		1	615575E+04 153980E+05	+9631
+9522	357 358	1	0.191080E+06 356714E+05	+9524	+9631		1	392419E+04	*9632
*9523 *9524	359	1	280960E+05	+9525	*9632	370	1	182427E+03 0.179957E+02	*9633 *9634
+9525	360	1	160270E+04	*9526 *9527	*9633 *9634		1	376324E+01	+9635
*9526 *9527	361 362	1	918511E+02 156290E+02	+9528	+9635	373	1	241942E+00	*9636 *9637
+9528	363	i	0.105740E+02	+9529	*9636		1	145521E+06 194645E+04	*9637 *9638
+9529	364	1	110634E+01 804513E+06	*9530 *9531	*9637 *9638		1	~.813680E+03	+9639
*9530 *9531	367 368	1	804513E+06 532051E+05	*9532	+9639	378	1	0.145115E+03	*9640 *9641
+9531	369	1	187041E+04	+9533	*9640		1	0.267615E+02 0.128482E+01	*9641 *9642
+9533	370	1	364230E+03 0.204481E+03	*9534 *9535	*9641 *9642		1	454159E+00	+9643
*9534	371	1	0.2044019.03						

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•9643	382		13471 14176		*9644 *9645	GRID GRID	102 103	0	-139.738-401.269.000 -129.345-400.438.000	0
*9644 *9645	383 384		14176 11842		+9646	GRID	104	0	-109.713-398.867.000	0
*9646	385		15955		*9647 *9648	GRID GRID	105 106	0	-84.160 -396.823.000 -53.000 -394.330.000	0
*9647 *9648	386 387		1 0.1722 1 0.5035		*9649	GRID	107	0	-41.500 -393.410.000	ō
9649	388		14328	896+00	*9650	GRID	108	0	-139.738-404.997.000	0
•9650	389		11533		*9651 *9652	GRID GRID	109 110	0	-128.703-404.537.000 -108.954-403.714.000	0
*9651 *9652	406 407		1 0.2580 5 0.8828		+9653	GRID	111	ō	-83.248 -402.642.000	0
*9653	407		1 0.6278	168+05	*9654	GRID	112	0	-53.000 -401.381.000 -41.500 -400.902.000	0
*9654 *9655	408 409		11106 5 0.4370		+9655	GRID GRID	113 114	0	-41.500 -417.400.000	O
EIGR	1	MGIV	0. 30.		+EIG1	GRID	115	0	-25.500 -417.400.000	0
+EIG1	MAX		-136.6059.331 .000	0		GRID GRID	116 117	0	-25.500 -417.400.000 .000 -417.40 .000	Ö
GRID GRID	1 2	5 5	-131.7509.602 .000	ō		GRID	118	0	-39.431 -373.800.000	0
GRID	3	5	-100.75011.331 .000	0		GRID GRID	119 120	0	-38.792 -377.878.000 -32.600 -417.400.000	7
GRID GRID	4 5	5 5	-75.750 12.725 .000 -40.750 14.678 .000	0		GRID	121	ō	-41.500 -373.900.000	Ō
GRID	6	5	0.000 17.047 .000	0		GRID	122	0	-120.926-390.747.000 -101.524-387.707.000	0
GRID	7 8	5 5	24.947 18.341 .000 -141.0943.076 .000	0		GRID GRID	123 124	0	-70.415 -382.833.000	0
GRID GRID	9	0	-170.615-371.062.000	5		GRID	125	0	-120.235-395.153.000	0
GRID	10	5	-100.7503.353 .000	0 5		GRID GRID	126 127	0	-100.719-392.843.000 -69.427 -389.140.000	0
GRID GRID	11 12	0 5	-145.429-352.988.000 -75.750 3.524 .000	ō		GRID	128	0	-119.530-399.653.000	0
GRID	13	0	-125.118-338.412.000	5		GRID	129	0	-99.898 -398.082.000 -68.420 -395.564.000	0
GRID GRID	14 15	5 0	-40.750 3.763 .000 -96.682 -318.006.000	0 5		GRID GRID	130 131	0	-118.830-404.125.000	ō
GRID	16	5	0.000 4.054 .000	ō		GRID	132	0	-99.081 -403.302.000 -67.414 -401.982.000	0
GRID	17	0	-63.574 -294.247.000 14.758 4.143 .000	5 0		GRID GRID	133 134	0	-139.738-394.695.000	7
GRID GRID	18 19	5 0	-180.000-381.378.000	Ŏ		GRID	135	0	-130.473-393.243.000	7
GRID	20	0	-168.385-374.169.000	1		GRID GRID	136 137	0	-120.773-391.723.000 -111.071-390.203.000	7
GRID GRID	21 22	0	-157.000-366.154.000 -147.640-359.565.000	0 0		GRID	138	ő	-101.371-388.683.000	7
GRID	23	0	-143.035-356.324.000	1		GRID	139	0	-85.817 -386.246.000 -70.262 -383.809.000	7 7
GRID GRID	24 25	0	-139.738-354.003.000 -122.591-341.932.000	0 1		GRID GRID	140 141	0	-53.000 -381.104.000	7
GRID	26	0	-120.000-340.108.000	0		GRID	142	0	-41.500 -379.302.000	7
GRID	27	0	-93.970 -321.785.000 -86.000 -316.174.000	1		GRID GRID	143 153	0	-180.000-389.378.000 .000 -100.00 .000	Ô
GRID GRID	29 30	0	-60.647 -298.327.000	1		GRID	154	0	.000 -160.00 .000	0
GRID	31	0	-41.500 -293.800.000	0		GRID GRID	155 156	0	.000 -200.00 .000 .000 -252.50 .000	0
GRID GRID	32 33	0	-54.216 -293.800.000 -41.500 -293.800.000	0		GRID	163	0	.000 -60.00 .000	Ō
GRID	34	0	-25.500 -293.800.000	0		GRID GRID	164 173	0 5	.000 -78.80 .000 -116.25010.466 .000	0
GRID GRID	35 36	0	-25.500 -293.800.000 .000 -293.80 .000	0		GRID	174	5	-88.250 12.029 .000	ŏ
GRID	37	ŏ	-41.500 -308.500.000	0		GRID	175	5	-58.250 13.701 .000	0
GRID	38 39	0	-54.216 -310.784.000 -41.500 -308.500.000	0		GRID GRID	176 177	5 5	-19.500 15.863 .000 -116.2503.247 .000	0
GRID GRID	40	0	-25.500 -308.500.000	o o		GRID	178	5	-88.250 3.438 .000	0
GRID	41	0	-25.500 -308.500.000	0	ľ	GRID GRID	179 180	5 5	-58.250 3.643 .000 -19.500 3.908 .000	0
GRID GRID	42 44	0	.000 -308.50 .000 -86.000 -332.494.000	0		GRID	181	ō	-71.000 -305.615.000	0
GRID	45	0	-41.500 -324.500.000	0		GRID GRID	182 183	0	-71.000 -313.799.000 -71.000 -329.799.000	0
GRID GRID	46 47	0	-54.216 -326.784.000 -41.500 -324.500.000	0		GRID	184	ő	-71.000 -345.799.000	0
GRID	48	0	-25.500 -324.500.000	0		GRID	185	0	-71.000 -361.799.000	0 7
GRID GRID	49 50	0 0	-25.500 -324.500.000 .000 -324.50 .000	0		GRID GRID	186 187	0	-71.000 -379.099.000 -102.000-327.437.000	ó
GRID	51	Č .	-139.738-358.146.000	0		GRID	188	0	-102.000-335.367.000	0
GRID	52	0	-120.000-354.601.000 -86.000 -348.494.000	0		GRID GRID	189 190	0	-102.000-351.367.000 -102.000-367.367.000	0
GRID GRID	53 54	Ö	-41.500 -340.500.000	0		GRID	191	0	-102.000-384.667.000	7
GRID	55	0	-54.216 -342.784.000 -41.500 -340.500.000	0 0		GRID GRID	192 193	0	-131.000-347.852.000 -131.000-356.576.000	0
GRID GRID	56 57	0	-25.500 -340.500.000	0		GRID	194	5	-131.7503.141 .000	Ó
GRID	58	0	-25.500 -340.500.000	0		GRID GRID	195 196	0	.000 -385.600.000 .000 -447.000.000	0
GRID GRID	59 60	0	.000 -340.50 .000 -168.385-379.292.000	0		GRID	233	0	-41.500 -497.5000.	0
GRID	61	0	-157.000-377.247.000	0		GRID	241 242	0	-31.810 -497.500.000 -168.385-387.292.000	0
GRID GRID	62 63	0	-139.738-374.146.000 -131.000-372.576.000	0		GRID GRID	243	Ö	-157.000-385.247.000	ŏ
GRID	64	0	-120.000-370.601.000	0		GRID	244	0	-139.738-382.146.000	0
GRID GRID	65 66	0	-86.000 -364.494.000 -41.500 -356.500.000	0		GRID GRID	245 251	Ö	-131.000-380.576.000 -41.500 -463.0520.	ŏ
GRID	67	0	-54.216 -358.784.000	0		GRID	252	0	-67.903 -482.9730.	0
GRID GRID	68 69	0	-41.500 -356.500.000 -25.500 -356.500.000	0		GRID GRID	253 254	0	-81.403 -493.1590. -92.653 -501.6460.	0
GRID	70	0	-25.500 -356.500.000	ō		GRID	255 256	0	-103.085-509.5170. -110.127-514.8300.	0
GRID GRID	71 72	0	.000 -356.50 .000 -180.000-398.678.000	0		GRID GRID	257	ő	~57.952 -504.9420.	ő
GRID	73	0	-168.385-396.592.000	0		GRID	258	0	-72.299 -513.2610.	0
GRID	74 75	0	-157.000-394.547.000 -139.738-391.446.000	0		GRID GRID	259 260	0	-84.253 -520.1930. -95.338 -526.6210.	0
GRID GRID	76	0	-131.000-389.876.000	i		GRID	261	0	-110.127-535.1970.	0
GRID	77	0	-120.000-387.901.000 -86.000 -381.794.000	0		GRID GRID	262 263	0	-41.500 -541.2650. -59.060 -542.4880.	0
GRID GRID	78 79	0	-29.250 -417.400.000	0		GRID	264	ō	-73.693 -543.5080.	Ō
GRID	80	0	-54.216 -376.084.000	0 7		GRID GRID	265 266	0	-87.261 -544.4530. -102.862-545.5400.	0
GRID GRID	81 82	0	-41.500 -373.800.000 -25.500 -373.800.000	0		GRID	267	ŏ	.000 -153.25 .000	0
GRID	83	ō	-25.500 -373.800.000	0		GRID	268	0	.000 -276.42 .000 -36.000 -469.194.000	0
GRID	84 85	0	.000 -373.80 .000 -180.000-406.675.000	0		GRID GRID	271 272	Ô	-36.000 -497.500.000	ŏ
GRID GRID	86	0	-168.385-406.191.000	0		GRID	273	0	-29.250 -497.500.000	0
GRID	87 88	0	-157.000-405.717.000 -139.738-404.997.000	0		GRID GRID	274 275	0	-40.750 -497.500.000 -40.750 -479.550.000	0
GRID GRID	89	0	-139.738-393.695.000	0		GRID	276	Ó	-29.250 -479.550.000	0
GRID	90	0	-130.626-392.267.000	0 0		GRID GRID	277 278	0	-29.250 -479.550.000 -40.750 -469.194.000	0
GRID GRID	91 92	0	-111.224-389.227.000 -85.970 -385.270.000	0		GRID	279	0	-29.250 ~469.194.000	0
GRID	93	0	-53.000 -380.104.000	0		GRID GRID	280 281	0	-40.750 -462.820.000 .000 -479.55 .000	0
GRID GRID	94 95	0	-29.250 -373.800.000 -41.500 -378.302.000	0 0		GRID	282	ō	.000 -462.82 .000	0
GRID	96	0	-139.738-397.461.000	0		GRID	283	0	.000 -446.10 .000 .000 -447.00 .000	0
GRID GRID	97 98	0	-129.992-396.307.000 -110.476-393.998.000	0		GRID GRID	284 285	0	.000 -424.00 .000	0
GRID	99	0	-85.073 -390.992.000	ō		GRID	286 290	0	.000 -403.00 .000 -29.250 -462.820.000	0
GRID GRID	100 101	0	-53.000 -387.196.000 -41.500 -385.835.000	0		GRID GRID	291	0	-29.250 -462.820.000	ò
0	~~1	•				•				

GRID	292	0	-40.750 -446.100.000 0	GRID	1038	0	-54.216 -310.7842.852 0
GRID	293	ŏ	-29.250 -446.100.000 0	GRID	1039	0	-41.500 -308.5003.166 0
GRID	294	Ö	-29.250 -446.100.000 0	GRID	1040	0	-25.500 -308.50010.350 0
GRID	295	ŏ	-19.000 -446.100.000 0	GRID	1044	0	-86.000 -332.4942.350 0
GRID	296	ō	.000 -426.400.000 0	GRID	1045	0	-41.500 -324.5005.450 0
GRID	298	ŏ	.000 -385.60 .000 0	GRID	1046	0	-54.216 -326.7842.750 0
GRID	299	ŏ	-33.570 -497.500.000 0	GRID	1047	0	-41.500 -324.5002.944 0
GRID	300	ō	-19.000 -417.400.000 0	GRID	1048	0	-25.500 -324.50010.350 0
GRID	357	ŏ	.000 -452.61825.500 0	GRID	1051	0	-139.738-358.1461.446 0
GRID	358	ŏ	.000 -469.42445.000 0	GRID	1052	0	-120.000-354.6011.763 0
GRID	359	ŏ	.000 -484.34962.317 0	GRID	1053	0	-86.000 -348.4942.112 0
GRID	360	ŏ	.000 -501.18481.850 0	GRID	1054	0	-41.500 -340.5005.450 0
	361	Ö	.000 -518.008101.371 0	GRID	1055	0	-54.216 -342.7842.426 0
GRID	362	ŏ	.000 -527.582112.479 0	GRID	1056	0	-41.500 -340.5002.598 0
GRID				GRID	1057	0	-25.500 -340.50010.750 0
GRID	363	0	.000 -534.495120.500 0 .000 -538.374125.000 0	GRID	1060	0	-168.385-379.292.984 0
GRID	364	0		GRID	1061	0	-157.000-377.2471.108 0
GRID	367	0		GRID	1062	ō	-139.738-374.1461.256 0
GRID	368	0	.000 -472.31270.354 0 .000 -491.06888.605 0	GRID	1063	Ö	-131.000-372.5761.328 0
GRID	369	0	****	GRID	1064	Ô	-120.000-370.6011.418 0
GRID	370	0	.000 -509.812106.844 0	GRID	1065	ě	-86.000 -364.4941.676 0
GRID	371	0	.000 -520.479117.222 0	GRID	1066	ŏ	-41.500 -356.5005.800 0
GRID	372	0	.000 -523.847120.500 0	GRID	1067	ŏ	-54.216 -358.7841.908 0
GRID	373	0	.000 -528.472125.000 0	GRID	1068	ő	-41.500 -356.5002.028 0
GRID	375	0	.000 -492.59445.000 0	GRID	1069	ő	-25.500 -356.50010.950 0
GRID	376	0	.000 -498.20753.064 0 .000 -512.83174.074 0	GRID	1072	ŏ	-180.000-398.678.330 0
GRID	377	0	••••	GRID	1073	ŏ	-168.385-396.592.415 0
GRID	378	0	.000 -527.44695.070 0	GRID	1074	ŏ	-157.000-394.547.508 0
GRID	379	0	.000 -535.762107.018 0	GRID	1075	ő	-139.738-391.446.645 0
GRID	380	0	.000 -545.147120.500 0	GRID	1076	0	-131.000-389.876.706 7
GRID	381	0	.000 -548.279125.000 0	GRID	1077	ő	-120.000-387.901.796 0
GRID	382	0	.000 -560.736120.500 0	GRID	1078	ō	-86.000 -381.7941.039 0
GRID	383	0	.000 -563.088125.000 0		1079	ō	-29.250 -417.4009.000 0
GRID	384	0	.000 -498.05345.000 0	GRID GRID	1080	0	-54.216 -376.0841.264 0
GRID	385	0	.000 -516.03771.933 0	GRID	1081	0	-41.500 -373.8001.364 7
GRID	386	0	.000 -530.24093.204 0		1082	0	-25.500 -373.80011.100 0
GRID	387	0	.000 -538.321105.309 0	GRID		0	-180.000-406.675.075 0
GRID	388	0	.000 -548.465120.500 0	GRID	1085		
GRID	389	0	.000 -521.28945.000 0	GRID	1086	0	-168.385-406.191.090 0 -157.000-405.717.115 0
GRID	390	0	.000 -530.36462.367 0	GRID	1087	0	-139.738-404.997.145 0
GRID	391	0	.000 -542.27685.168 0	GRID	1088		
GRID	392	0	.000 -549.05598.142 0	GRID	1094	0	
GRID	393	0	.000 -560.736120.500 0	GRID	1096	0	
GRID	405	0	.000 -500.00 .000 0	GRID	1097	0	
GRID	406	0	.000 -498.24941.224 0	GRID	1098	0	-110.476-393.998.557 0
GRID	407	0	.000 -446.10025.500 0	GRID	1099	0	-85.073 -390.992.669 0
GRID	408	0	.000 -509.89233.450 0	GRID	1100	0	-53.000 -387.196.810 0
GRID	409	0	.000 -479.02125.500 0	GRID	1101	0	-41.500 -385.8352.659 0
GRID	410	0	.000 -426.40 .000 0	GRID	1102	0	-139.738-401.269.288 0
GRID	431	0	.000 -351.70 .000 0	GRID	1103	0	-129.345-400.438.318 0
GRID	437	0	.000 -325.40 .000 0	GRID	1104	0	-109.713-398.867.377 0
GRID	458	0	.000 -266.92 .000 0	GRID	1105	0	-84.160 -396.823.453 0
GRID	459	0	.000 -274.55 .000 0	GRID	1106	0	-53.000 -394.330.545 0
GRID	464	0	-29.250 -492.500.000 0	GRID	1107	0	-41.500 -393.4101.787 0
GRID	4 65	0	-40.750 -492.500.000 0	GRID	1108	0	-139.738-404.997.150 0
GRID	466	0	-29.250 -502.250.000 0	GRID	1109	0	-128.703-404.537.167 0
GRID	467	0	-40.750 -502.250.000 0	GRID	1110	0	-108.954-403.714.198 0
GRID	501	0	-54.702 -473.0130. 0	GRID	1111	Ç	-83.248 -402.642.238 0
GRID	502	0	-74.653 -488.0660. 0	GRID	1112	0	-53.000 -401.381.285 0
GRID	503	Ö	-87.028 -497.4020. 0	GRID	1113	9	-41.500 -400.902.925 0
GRID	504	Ö	-97.869 -505.5820. 0	GRIĎ	1114	C	-41.500 -417.4009.000 0
GRID	505	Ô	-106.606-512.1740. 0	GRID	1121	0	-41.500 -373.8005.850 0
GRID	506	ō	-41.5 -480.2760. 0	GRID	1125	0	-120.235-395.153.514 0
GRID	507	ō	-62.928 -493.9580. 0	GRID	1126	0	-100.719-392.843.669 0
GRID	508	Ö	-76.851 -503.2100. O	GRID	1127	0	-69.427 -389.140.737 0
GRID	509	ŏ	-88.453 -510.9200. 0	GRID	1128	0	-119.530-399.653.348 0
GRID	510	ō	-99.212 +518.0690. 0	GRID	1129	0	-99.898 -398.082.406 0
GRID	511	Ď	-110.127-525.0140. 0	GRID	1130	0	-68.420 -395.564.500 0
GRID	512	ō	-49.726 -501.2210. 0	GRID	1131	0	-118.830-404.125.182 0
GRID	513	ŏ	-65.126 -509.1020. 0	GRID	1132	0	-99.081 -403.302.213 0
GRID	514	ŏ	-78.276 -516.7270.	GRID	1133	0	-67.414 -401.982.263 0
GRID	515	ō	-89.796 -523.4070. 0	GRID	1134	0	-139.738-394.695.531 7
GRID	516	ŏ	-102.733-530.9090. 0	GRID	1135	0	-130.473-393.243.585 7
GRID	517	ŏ	-41.5 -519.3830. 0	GRID	1136	0	-120.773-391.723.641 7
GRID	518	ō	-49.726 -523.1040. 0	GRID	1137	0	-111.071-390.203.697 7
GRID	519	ō	-65.680 -527.8750. 0	GRID	1138	0	-101.371-388.683.754 7
GRID	520	ō	-78.973 -531.8050. O	GRID	1139	0	-85.817 -386.246.844 7
GRID	521	0	-91.3 -535.5370. 0	GRID	1140	0	-70.262 -383.809.934 7
GRID	522	0	-106.495-540.3680. 0	GRID	1141	0	-53.000 -381.1041.050 7
GRID	523	0	-50.28 -541.8760. 0	GRID	1142	0	-41.500 -379.3023.412 7
GRID	524	Ö	-66.376 -542.9980. 0	GRID	1143	0	-180.000-389.378.675 0
GRID	525	0	-80.477 -544.0080. 0	GRID	1173	5	-116.25010.466 .453 0 -88.250 12.029 .640 0
GRID	526	0	-95.062 -544.9960. 0	GRID	1174	5	
GRID	701	3	0. 0. 0.	GRID	1175	5	
GRID	702	3	100. 0. 0.	GRID	1176	5	
GRID	703	3	0, 0100.	GRID	1177	5	
GRID	1001	5	-136.6059.331 .355 0	GRID	1178	5 5	-88.250 3.438 1.303 0 -58.250 3.643 1.590 0
GRID	1002	5	-131.7509.602 .382 0	GRID	1179		
GRID	1003	5	-100.75011.331 .560 0	GRID	1180	5	
GRID	1004	5	-75.750 12.725 .700 0	GRID	1181	0	-71.000 -305.6152.359 0 -71.000 -313.7992.486 0
GRID	1005	5	-40.750 14.678 .895 0	GRID	1182	0	
GRID	1006	5	0.000 17.047 1.115 0 24.947 18.341 1.245 0	GRID	1183	0	
GRID	1007	5		GRID	1184	0	-71.000 -345.7992.242 0 -71.000 -361.7991.776 0
GRID	1008	5	-141.0943.076 .845 0	GRID	1185	0	-71.000 -361.7991.776 U -71.000 -379.0991.138 7
GRID	1010	5	-100.7503.353 1.150 0	GRID	1186	0	-102.000-327.4371.904 0
GRID	1012	5	-75.750 3.524 1.410 0	GRID	1187	0	-102.000-327.4371.904 0
GRID	1014	5	-40.750 3.763 1.765 0	GRID	1188	0	-102.000-351.3671.954 0
GRID	1016	5	0.000 4.054 2.190 0	GRID	1189	0	-102.000-351.3671.954 0
GRID	1018	5	14.758 4.143 2.080 0	GRID	1190		-102.000-367.3671.559 0
GRID	1019	0	-180.000-381.378.790 0	GRID	1191	0	-102.000-384.667.924 / -131.000-347.8521.517 0
GRID	1020	0	-168.385-374.169.965 1	GRID	1192 1193	0	-131.000-347.6321.517 0
GRID	1021	0	-157.000-366.1541.156 0	GRID			-131.7503.141 .875 0
GRID	1022	0	-147.640-359.5651.284 0	GRID	1194	5 0	
GRID	1023	0	-143.035-356.3241.358 1	GRID	1233	0	
GRID	1024	0	-139.738-354.0031.400 0	GRID	1242	-	
GRID	1025	0	-122.591-341.9321.635 1	GRID	1243	0	-157.000-385.247.862 0 -139.738-382.1461.004 0
GRID	1026	0	-120.000-340.1081.663 0	GRID	1244	0	-131.000-380.5761.080
GRID	1027	0	-93.970 -321.7852.018 1	GRID	1245 1251	0	-41.500 -463.0521.021
GRID	1029	0	-86.000 -316.1742.124 0	GRID		0	-67.903 -482.973.716 C
GRID	1030	0	-60.647 -298.3272.534 1	GRID	1252	0	-81.403 -493.159.560 C
GRID	1031	0	-41.500 -293.8004.750 0	GRID	1253	0	-92.653 -501.646.430 0
GRID	1032	0	-54.216 -293.8002.600 0	GRID GRID	1254 1255	0	-103.085-509.517.309
GRID	1033	0	-41.500 -293.8003.209 0 -25.500 -293.8009.850 0	GRID	1255	0	-110.127-514.830.228
GRID	1034	0	201000 230100171000	GRID	1257	Ö	-57.952 -504.9422.503
GRID	1037	0	-41.500 -308.5005.350 0	Or.1D	1237	•	5.1502 501171221075

GRID	1258	0	-72.299 -513.2611.801 0	GRID	2094	0	-29.250 -373.800-9.000 0
GRID	1259	0	-84.253 -520.1931.437 0	GRID	2096	0	-139.738-397.461429 0 -129.992-396.307471 0
GRID	1260	0	-95.338 -526.6211.091 0	GRID GRID	2097 2098	0	-129.992-396.307471 0 -110.476-393.998557 0
GRID GRID	1261 1262	0	-110.127-535.197.606 0 -41.500 -541.265.833 0	GRID	2099	ŏ	-85.073 -390.992669 0
GRID	1263	ŏ	-59.060 -542.488.670 0	GRID	2100	0	-53.000 -387.196810 0
GRID	1264	0	-73.693 -543.508.531 0	GRID	2101	0	-41.500 -385.835-2.659 0 -139.738-401.269288 0
GRID	1265	0	-87.261 -544.453.399 0	GRID GRID	2102 2103	0	-139.738-401.269288 0 -129.345-400.438318 0
GRID	1266	0	-102.862-545.540.248 0 -40.750 -479.5505.000 0	GRID	2104	ő	-109.713-398.867377 0
GRID	1275 1276	0	-40.750 -479.5505.000 0 -29.250 -479.5506.150 0	GRID	2105	Ö	-84.160 -396.823453 0
GRID GRID	1280	ŏ	-40.750 -462.8205.500 0	GRID	2106	0	-53.000 -394.330545 0
GRID	1290	0	-29.250 -462.8207.000 0	GRID	2107	0	-41.500 -393.410-1.787 0 -139.738-404.997150 0
GRID	1292	0	-40.750 -446.1005.650 0	GRID GRID	2108 2109	0	-128.703-404.537167 0
GRID	1293	0	-29.250 -446.1007.000 0 -29.250 -492.5004.500 0	GRID	2110	ő	-108.954-403.714198 0
GRID GRID	1464 1465	0	-40.750 -492.5004.750 0	GRID	2111	0	-83.248 -402.642238 0
GRID	1466	ŏ	-29.250 -502.2503.000 0	GRID	2112	0	-53.000 -401.381285 0
GRID	1467	0	-40.750 -502.2504.250 0	GRID	2113	0	-\$1.500 -400.902925 0 -\$1.500 -417.400-9.000 0
GRID	1501	0	-54.702 -473.0130.868 0 -74.653 -488.0660.638 0	GRID GRID	2114	0	-41.500 -373.800-5.850 0
GRID	1502 1503	0	-74.653 -488.0660.638 0 -87.028 -497.4020.495 0	GRID	2125	ő	-120.235-395.153514 0
GRID GRID	1503	Ö	-97.869 -505.5820.370 0	GRID	2126	0	-100.719-392.843669 0
GRID	1505	ŏ	-106.606-512.1740.268 0	GRID	2127	0	-69.427 -389.140737 0 -119.530-399.653348 0
GRID	1506	0	-41.5 -480.2761.906 0	GRID GRID	2128 2129	0	-119.530-399.653348 0 -99.898 -398.082406 0
GRID	1507	0	-62.928 -493.9581.610 0 -76.851 -503.2101.180 0	GRID	2130	ŏ	-68.420 -395.564500 0
GRID GRID	1508 1509	0	-88.453 -510.9200.934 0	GRID	2131	0	-118.830-404.125182 0
GRID	1510	ŏ	-99.212 -518.0690.700 0	GRID	2132	0	-99.081 -403.302213 0
GRID	1511	0	-110.127-525.0140.417 0	GRID	2133 2134	0	-67.414 -401.982263 0 -139.738-394.695531 7
GRID	1512	0	-49.726 -501.2212.646 0 -65.126 -509.1022.152 0	GRID GRID	2134	ō	-130.473-393.243585 7
GRID GRID	1513 1514	0	-78.276 -516.7271.619 0	GRID	2136	0	-120.773-391.723641 7
GRID	1515	ŏ	-89.796 -523.4071.264 0	GRID	2137	0	-111.071-390.203697 7
GRID	1516	0	-102.733-530.9090.848 0	GRID	2138	0	-101.371-388.683754 7 -85.817 -386.246844 7
GRID	1517	0	-41.5 -519.3831.812 0	GRID GRID	2139 2140	õ	-70.262 -383.809934 7
GRID	1518 1519	0	-49.726 -523.1041.668 0 -65.680 -527.8751.236 0	GRID	2141	0	-53.000 -381.104-1.050 7
GRID GRID	1520	Ö	-78.973 -531.8050.984 0	GRID	2142	0	-41.500 -379.302-3.412 7
GRID	1521	0	-91.3 -535.5370.745 0	GRID	2143	ō	-180.000-389.378675 0 -116.25010.466453 0
GRID	1522	0	-106.495-540.3680.427 0	GRID GRID	2173 2174	5 5	-116.25010.466453 0 -88.250 12.029640 0
GRID	1523	0	-50.28 -541.8760.752 0 -66.376 -542.9980.600 0	GRID	2175	5	-58.250 13.701795 0
GRID GRID	1524 1525	0	-66.376 -542.9980.600 0 -80.477 -544.0080.465 0	GRID	2176	5	-19.500 15.863 -1.015 0
GRID	1526	ō	-95.062 -544.9960.324 0	GRID	2177	5	-116.2503.247990 0
GRID	2001	5	-136.6059.331355 0	GRID	2178	5	-88.250 3.438 -1.303 0 -58.250 3.643 -1.590 0
GRID	2002	5	-131.7509.602 ~.382 0 -100.75011.331560 0	GRID GRID	2179 2180	5 5	-19.500 3.908 -1.980 0
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GRID	2005	5	-40.750 14.678895 0	GRID	2182	0	-71.000 -313.799-2.486 0
GRID	2006	5	0.000 17.047 -1.115 0	GRID	2183	0	-71.000 -329.799-2.524 0 -71.000 -345.799-2.242 0
GRID	2007	5	24_947 18.341 -1.245 0 -141.0943.076845 0	GRID GRID	2184 2185	0	-71.000 -345.799-2.242 0
GRID GRID	2008 2010	5 5	-141.0943.076845 0 -100.7503.353 -1.150 0	GRID	2186	ō	-71.000 -379.099-1.138 7
GRID	2012	5	-75.750 3.524 -1.410 0	GRID	2187	0	-102.000-327.437-1.904 0
GRID	2014	5	-40.750 3.763 -1.765 O	GRID	2188	0	-102.000-335.367-2.032 0 -102.000-351.367-1.954 0
GRID	2016	5	0.000 4.054 -2.190 0	GRID GRID	2189 2190	0	-102.000-351.367-1.954 0 -102.000-367.367-1.559 0
GRID GRID	2018 2019	5 0	14.758 4.143 -2.080 0 -180.000-381.378790 0	GRID	2191	ŏ	-102.000-384.667924 7
GRID	2020	ő	-168.385-374.169965 1	GRID	2192	0	-131.000-347.852-1.517 0
GRID	2021	0	-157.000-366.154-1.156 0	GRID	2193	0 5	-131.000-356.576-1.617 0 -131.7503.141875 0
GRID	2022	0	-147.640-359.565-1.284 0 -143.035-356.324-1.358 1	GRID GRID	2194 2233	0	-41.500 -497.500-2.790 0
GRID GRID	2023 2024	0	-143.035-356.324-1.358 1 -139.738-354.003-1.400 0	GRID	2242	ŏ	-168.385-387.292764 0
GRID	2025	ő	-122.591-341.932-1.635 1	GRID	2243	0	-157.000-385.247862 0
GRID	2026	0	-120.000-340.108-1.663 0	GRID	2244	0	-139.738-382.146-1.004 0 -131.000-380.576-1.080 0
GRID	2027	0	-93.970 -321.785-2.018 1 -86.000 -316.174-2.124 0	GRID GRID	2245 2251	0	-131.000-380.576-1.080 0 -41.500 -463.052-1.021 0
GRID GRID	2029 2030	0	-60.647 -298.327-2.534 1	GRID	2252	ŏ	-67.903 -482.973716 0
GRID	2031	ŏ	-41.500 -293.800-4.750 0	GRID	2253	0	-81.403 -493.159560 0
GRID	2032	0	-54.216 -293.800-2.600 0	GRID	2254 2255	0	-92.653 -501.646430 0 -103.085-509.517309 0
GRID	2033 2034	0	-41.500 -293.800-3.209 0 -25.500 -293.800-9.850 0	GRID GRID	2256	0	-110.127-514.830228 0
GRID GRID	2037	ő	-41.500 -308.500-5.350 0	GRID	2257	0	-57.952 -504.942-2.503 0
GRID	2038	0	-54,216 -310.784-2.852 0	GRID	2258	0	-72.299 -513.261-1.801 0 -84.253 -520.193-1.437 0
GRID	2039	0	-41.500 -308.500-3.166 0 -25.500 -308.500-10.350 0	GRID GRID	2259 2260	0	-84.253 -520.193-1.437 0 -95.338 -526.621-1.091 0
GRID GRID	2040 2044	0	-25.500 -308.500-10.350 0 -86.000 -332.494-2.350 0	GRID	2261	ŏ	-110.127-535.197606 0
GRID	2045	ŏ	-41.500 -324.500-5.450 0	GRID	2262	0	-41.500 -541.265833 0
GRID	2046	0	-54.216 -326.784-2.750 0	GRID	2263 2264	0	-59.060 -542.488670 0 -73.693 -543.508531 0
GRID	2047	0	-41.500 -324.500-2.944 0 -25.500 -324.500-10.350 0	GRID GRID	2264	0	-73.693 -543.506531 U -87.261 -544.453399 O
GRID GRID	2048 2051	0	-139.738-358.146-1.446 0	GRID	2266	ō	-102.862-545.540248 0
GRID	2052	ō	-120.000-354.601-1.763 0	GRID	2275	0	-40.750 -479.550-5.000 0
GRID	2053	0	-86.000 -348.494-2.112 0	GRID	2276	0	-29.250 -479.550-6.150 0 -40.750 -462.820-5.500 0
GRID	2054	0	-41.500 -340.500-5.450 0 -54.216 -342.784-2.426 0	GRID GRID	2280 2290	Ö	-29.250 -462.820-7.000 0
GRID GRID	2055 2056	0	-54.216 -342.784-2.426 U -41.500 -340.500-2.598 U	GRID	2292	o	-40.750 -446.100-5.650 O
GRID	2057	ŏ	-25.500 -340.500-10.750 0	GRID	2293	0	-29.250 -446.100-7.000 0
GRID	2060	0	-168.385-379.292984 0	GRID GRID	2464 2465	0	-29.250 -492.500-4.500 0 -40.750 -492.500-4.750 0
GRID	2061	0	-157.000-377.247-1.108 0 -139.738-374.146-1.256 0	GRID	2465	Ö	-29.250 -502.250-3.000 0
GRID GRID	2062 2063	0	-131.000-372.576-1.328 0	GRID	2467	0	-40.750 -502.250-4.250 O
GRID	2064	0	-120.000-370.601-1.418 D	GRID	2501	0	-54.702 -473.013-0.868 0
GRID	2065	0	-86.000 -364.494-1.676 0	GRID	2502 2503	0	-74.653 -488.066-0.638 0 -87.028 -497.402-0.495 0
GRID	2066	0	-41.500 -356.500-5.800 0 -54.216 -358.784-1.908 0	GRID	2504	Ó	-97.869 -505.582-0.370 0
GRID GRID	2067 2068	0	-41.500 -356.500-2.028 0	GRID	2505		-106,606-512.174-0.268 0
GRID	2069	0	-25.500 -356.500-10.950 0	GRID	2506		-41.5 -480.276-1.906 0
GRID	2072	0	-180.000-398.678330 0	GRIE GRIE	2507 2508		-62.928 -493.958-1.610 0 -76.851 -503.210-1.180 0
GRID	2073 2074	0	-168.385-396.592415 0 -157.000-394.547508 0	GRID	2509		-88.453 -510.920-0.934 0
GRID GRID	2074	0	-139.738-391.446645 0	GRID	2510	0	-99.212 -518.069-0.700 0
GRID	2076	ŏ	-131.000-389.876706 7	GRID	2511		-110.127-525.014-0.417 0
GRID	2077	0	~120.000-387.901796 0	GRIE GRIE	2512 2513	0	-49.726 -501.221-2.646 0 -65.126 -509.102-2.152 0
GRID	2078	0	-86.000 -381.794-1.039 0 -29.250 -417.400-9.000 0	GRID			-78.276 -516.727-1.619 0
GRID GRID	2079 2080	0	-54.216 -376.084-1.264 0	GRID	2515	0	-89.796 -523.407-1.264 0
GRID	2081	0	-41.500 -373.800-1.364 7	GRIE	2516		-102.733-530.909-0.848 0 -41.5 -519.383-1.812 0
GRID	2082	0	-25.500 -373.800-11.100 0 -180 000-406.675075 0	GRIC GRIC			-41.5 -519.383-1.812 0 -49.726 -523.104-1.668 0
GRID	2085	0	-180.000-406.675075 0 -168.385-406.191090 0	GRID	2519		-65.680 -527.875-1.236 0
חזמה		19		1			
GRID GRID	2086 2087	0	-157.000-405.717115 0	GRIC			-78.973 -531.805-0.984 0
	2086			GRID			-78.973 -531.805-0.984 0 -91.3 -535.537-0.745 0

GRID	2522	0 -10	5.495-540.3	68-0.427	0		+2413						+2413A
GRID GRID	2523 2524	0 -50 0 -66	28 -541.8 376 -542.9	76-0.752 98-0.600	0		+2413A PBAR	1. 2414	.0000001 2 100.0	100.0	.00001	.001	+2414 +2414A
GRID GRID	2525 2526	0 -95	477 -544.0 062 -544.9	96-0.324	0 0		+2414 +2414A PBAR	1. 2415	.0000001 2 100.0	100.0	.00001	.001	+2415
GRID GRID GRID	3001 3002 3003	0 -183	0.000-391.3 8.600-318.6 8.600-333.5	80.000	0		+2415 +2415A	1.	.0000001				+2415A
GRID GRID	3004 3005	0 -18	.600-347.3 .600-362.9	08.000	0		PBAR +2416	2416	2 100.0	100.0	.00001	.001	+2416 +2416A
GRID GRID	3006 3007	0 -18	3.600-377.7 3.600-381.3	78.000	0		+2416A PBAR +2417	1. 2417	.0000001 2 100.0	100.0	.00001	.001	+2417 +2417A
GRID GRID GRID	3008 3009 3076		3.600-391.3 3.600-401.7 7375.7	62.000	0		+2417A PBAR	1. 2418	.0000001 2 100.0	100.0	.00001	.001	+2418
GRID GRID	3077 3078	0 -15	7371.5	6 0.	0		+2418 +2418A	1.	.0000001		00001	001	+2418A +2419
GRID GRID	3079 3080	0 -15' 0 -15' 0 -15'	7336.7	2 -11.46	0 0 0		PBAR +2419 +2419A	2419	2 100.0	100.0	.00001	.001	+2419A
GRID GRID GRID	3081 3082 3083	0 -15	7371.5	6 -11.46 6 -11.46 2 -11.46	0		PBAR +2420	2420	2 100.0	100.0	.00001	.001	+2420 +2420A
GRID GRID	3084 3085	0 -15	7381.5 7391.1	6 -11.46 -11.46	0		+2420A PBAR +2421	1. 2421	.0000001 2 100.0	100.0	.00001	.001	+2421 +2421A
GRID GRID	3086 3087	0 -15° 0 -15° 0 -15°	7336.7	-17.75 2 -17.75 2 -17.75	0		+2421A +2421A PBAR	1. 2422	.0000001 2 100.0	100.0	.00001	.001	+2422
GRID GRID GRID	3088 3089 3090	0 -15	367.1	6 -17.75	0		+2422 +2422A	1.	.0000001				+2422A
GRID GRID	3091 3092	0 -150 0 -150	3.1 -381.5	6 0.	0		PBAR +2423	2423	2 100.0	100.0	.00001	.001	+2423 +2423A
GRID GRID GRID	3093 3094 3095	0 -150 0 -150 0 -150	3.1 -381.5	6 -11.46 6 -11.46	0		+2423A PBAR +2424	2424	2 100.0	100.0	.00001	.001	+2424 +2424A
GRID GRID	3096 3097	0 -15	.9 -381.5		0		+2424A PBAR	1. 2425	.0000001 2 100.0	100.0	.00001	.001	+2425
GRID GRID	3098 3196	0 -15! 0 -79	.0 -315.2		0		+2425 +2425A PBAR	1. 2426	.0000001 2 100.0	100.0	.00001	,001	+2425A +2426
GRID GRID GRID	3197 3198 3199	0 -63 0 -79 0 -63	.0 -331.2	360.	0 0 0		+2426 +2426A	1.	.0000001				+2426A
GRID GRID	3200 3201	0 -79 0 -71	.0 -316.8	7 0.	0		PBAR +2427	2427	2 100.0	100.0	.00001	.001	+2427 +2427A
GRID GRID	3202 3203	0 -63 0 -71	.0 -316.6	7 0.	0		+2427A PBAR +2428	1. 2428	.0000001 2 100.0	100.0	.00001	.001	+2428 +2428A
GRID GRID GRID	3204 3205 3206	0 -71 0 -71 0 -71	0 -377.3	0.	0		+2428A PBAR	1. 2429	.0000001 2 100.0	100.0	.00001	.001	+2429
GRID GRID	3207 3208	0 -71 0 -71	.0 -325.4 .0 -312.6	-17.5 -17.5	0		+2429 +2429A	1.	.0000001	100.0	.00001	.001	+2429A +2430
GRID GRID	3209 3210	0 -71 0 -71	.0 -200.0	-17.5 -30.5 8 -30.5	0 0 0		PBAR +2430 +2430A	2430	2 100.0	100.0	.00001	.001	+2430A
GRID GRID GRID	3211 3212 3213	0 -71 0 -71 0 -71	.0 -312.6	~30.5 -30.5	0		PBAR +2431	2431	2 100.0	100.0	.00001	.001	+2431 +2431A
GRID GRID	3500 3501	0 -12 0 -12)334.9)346.0	4 ~25. 7 -11.20			+2431A PBAR	1. 2432	.0000001 2 100.0	100.0	.00001	.001	+2432 +2432A
MAT1 MAT1 MAT1	1 2 3	10.5E6 5.5 10.5E6 4.0 .99999E8.99	36				+2432 +2432A PBAR	1. 2433	.0000001 2 100.0	100.0	.00001	.001	+2433
MAT1 MAT1	4	10.5E6 .999	999E8				+2433 +2433A	1.	.0000001	100.0	.00001	.001	+2433A +2434
MAT1 MAT1	601 606	3.150E6 4.49 6.825E6 4.49	00E6	2164000	78300. 2558000.		PBAR +2434 +2434A	2434	2 100.0	100.0	.00001	.001	+2434A
MAT2 MAT2 MAT2	701 702 703	7047000.253	700016060	0.8488000	160600.2700000. 254500.2625000.		PBAR +2435	2435	2 100.0	100.0	.00001	.001	+2435 +2435A
MAT2 MAT2	704 705	6047000.262	200010900	0.9502000	94900. 2500000. 109000.2783000.		+2435A PBAR +2436	1. 2436	.00000001 2 100.0	100.0	.00001	.001	+2436 +2436A
MAT2 MAT2 MAT2	706 707 708	7849000.256	00013000	0.7902000	130600.2733000. 130000.2600000. 178900.2700000.		+2436A PBAR	1. 2437	.0000001 2 100.0	100.0	.00001	.001	+2437
MAT2 MAT2	709 710	6299000.242	00014950	0.9651000	149500.2700000. 413300.2800000.		+2437 +2437A	1.	.0000001		.00001	.001	+2437A +2438
PARAM	GRDPNT WTMASS 27	0 0.00258 2 100	9999.	9999.	9999.		PBAR +2438 +2438A	2438	.0000001	100.0	.00001	.001	+2438A
PBAR PBAR +2401	2401	2 100		.00001		+2401 +2401A	PBAR +2439	2439	2 100.0	100.0	.00001	.001	+2439 +2439A
+2401A PBAR	1. 2402	.00000001 2 100	.0 100.0	.00001	.001	+2402 +2402A	+2439A PBAR +2440	2440	.0000001 2 100.0	100.0	.00001	.001	+2440 +2440A
+2402 +2402A PBAR	1. 2403	.0000001 2 100	.0 100.0	.00001	.001	+2403	+2440A PBAR	1. 2441	.0000001 2 100.0	100.0	.00001	.001	+2441
+2403 +2403A	1.	.0000001		*****		+2403A +2404	+2441 +2441A PBAR	1. 2442	.0000001 2 100.0	100.0	.00001	.001	+2441A +2442
PBAR +2404 +2404A	2404	2 100	.0 100.0	.00001	.001	+2404A	+2442 +2442A	1.	.0000001				+2442A
PBAR +2405	2405	2 100	.0 100.0	.00001	.001	+2405 +2405A	PBAR +2443	2443	2 100.0	100.0	.00001	.001	+2443 +2443A
+2405A PBAR	1. 2406	.0000001 2 100	.0 100.0	.00001	.001	+2406 +2406A	+2443A PBAR +2444	2444	2 100.0	100.0	.00001	.001	+2444 +2444A
+2406 +2406A PBAR	1. 2407	.0000001 2 100	.0 100.0	.00001	.001	+2407	+2444A PBAR	1. 2445	.0000001 2 100.0	100.0	.00001	.001	+2445
+2407 +2407A	1.	.0000001				+2407A +2408	+2445 +2445A PBAR		.0000001 2 100.0	100.0	.00001	001	+2445A +2446
PBAR +2408 +2408A		2 100	.0 100.0	.00001	.001	+2408 +2408A	+2446 +2446A		.0000001	100.0	.00001	.001	+2446A
PBAR +2409	2409	2 100	.0 100.0	.00001	.001	+2409 +2409A	PBAR +2447		2 100.0	100.0	.00001	.001	+2447 +2447A
+2409A PBAR	1. 2410	.0000001 2 100	.0 100.0	.00001	.001	+2410 +2410A	+2447A PBAR +2448		.0000001 2 100.0	100.0	.00001	.001	+2448 +2448A
+2410 +2410A PBAR	1. 2411	.0000001 2 100	.0 100.0	.00001	.001	+2411	+2448A PBAR	1. 2449	.0000001 2 100.0	100.0	.00001	.001	+2449
+2411 +2411A	1.	.8000001		00000	001	+2411A +2412	+2449 +2449A PBAR	1. 2450	.0000001 2 100.0	100.0	.00001	.001	+2449A +2450
PBAR +2412 +2412A	2412	2 100	.0 100.0	.00001	.001	+2412 +2412A	+2450 +2450A		.0000001				+2450A
PBAR	2413	2 100	.0 100.0	.00001	.001	+2413	PBAR	2451	2 100.0	100.0	.00001	.001	+2451

+2451				+2451A	PBEAM	40 NO	2	4.140 9999.0	284.10 140.90		+40
+2451A PBAR	1. 2452	.0000001 2 100.0 100.0 .00001 .001		+2452	+40 PBEAM +41	NO 41 NO	1.0 2 1.0	2.180 5.590 9999.0 2.834	376.40 124.70		+41
+2452 +2452A	1.	.0000001		+2452A +2453	PBEAM +42	42 NO	2	3.942 9999.0 2.088	379.30 112.40		+42
PBAR +2453	2453	2 100.0 100.0 .00001 .001		+2453A	PBEAM +43	43 NO	1.0	2.886 9999.0 2.340	350.15 293.75		+43
+2453A PBAR	1. 2454	.0000001 2 100.0 100.0 .00001 .001		+2454 +2454A	PBEAM +44	44 No	2	2.340 9999.0 1.430	293.75 99.875		+44
+2454A +2454A	1. 2455	.0000001 2 100.0 100.0 .00001 .001		+2455	PBEAM +45	45 NO	2	1.430 9999.0 1.521	99.875 76.375	.001	+45
PBAR +2455 +2455A	1.	.0000001		+2455A	PBEAM +46	46 NO	2 1.0	2.250 9999.0 2.250	215.00 162.00	.001	+46
PBAR +2456	2456	2 100.0 100.0 .00001 .001		+2456 +2456A	PBEAM +47	47 NO	2 1.0	2.250 9999.0 1.875	162.00 133.00		+47
+2456A PBAR	1. 2457	.0000001 2 100.0 100.0 .00001 .001		+2457	PBEAM +48	48 NO	2 1.0	1.875 9999.0 2.250	133.00 46.00	***	+48
+2457 +2457A	1.	.0000001		+2457A	PBEAM +49	NO	1.0	1.256 1. 1.354	41.26 51.57	.001	+49 +49A
PBAR +2458	2458	2 100.0 100.0 .00001 .001		+2458 +2458A	+49A PBEAM	50	1.	1188 1.354 1. 1.371	51.57 53.59		+50 +50A
+2458A PBAR	1. 2459	.0000001 2 100.0 100.0 .00001 .001		+2459	+50 +50A PBEAM	NO 0. 51	1.0 1. 2	0185 1.371 1.	53.59		+51
+2459 +2459A	1.	.0000001		+2459A +2460	+51 +51A	NO 0.	1.0	1.371	53.59		+51A
PBAR +2460	2460	2 100.0 100.0 .00001 .001		+2460A	PBEAM +52	52 NO	2	1.371 1. 1.534	53.59 60.14		+52 +52A
+2460A PBAR PBEAM	1. 3502 1	2 10000. 99990. 99990. 99990. 2 .690 480.000 371.450	.001	+1	+52A PBEAM	0. 53	1.	0622 1.534 1.	60.14	.001	+53
+1 +1A	NO 0.	1.0 593.000 547.400 1.		+1A	+53 +53A	NO 0.	1.0	1.547 0086	62.03		+53A
PBEAM +2	2 NO	2 .690 593.000 547.400 1.0 736.000 606.050	.001	+2 +2A	PBEAM +54	NO	1.0	.942 1. 1.449	37.54 76.22	.001	+54 +54A
+2A PBEAM	0. 3	1. 2 4.140 896.000 655.500	640.	+3	+54A PBEAM	0. 55	1.	4242 1089.0001. 1980.000	9999.00 9999.00	.001	+55 +55A
+3 +3A	NO 0.	1.0 912.000 656.500	0175	+3A +4	+55 +55A PBEAM	NO 0. 56	1.0	.0000 1980.0001.	9999.00	.001	+56
PBEAM +4	NO	2 4.140 912.000 656.500 1.0 3104.0001780.000	2175.	+43	+56 +56A	NO 0.	1.0	1495.000	9999.00		+56A
+4A PBEAM +5	0. 5 NO	1. 2 4.140 3104.0001780.000 1.0 6240.0003625.000	2770.	+5 +5A	PBEAM +57	57 NO	2	1.440 .001 1.440	.001	.001	+57 +57A
+5A PBEAM	0.	1. 2 3.600 8000.0004245.000	5250.	+6	+57A PBEAM	0. 141	1.	.0000 2.380 1.	46.34	.001	+141
+6 +6A	NO 0.	1.0 7900.0004430.000 1.		+6A	+141 +141A	NO 0.	1.0	2.520	52.89	.001	+141A +142
PBEAM +7	7 NO	2 1980.0007900.0004430.000 1.0 8100.0004170.000	5250.	+7 +7A	PBEAM +142 +142A	142 NO 0.	2 1.0 1.	2.520 1. 2.6600541	52.89 60.54	.001	+142A
+7A PBEAM	0. 8	1. 2 1980.0008100.0004170.000 1.0 9400.0003900.000	5250.	+8 +8A	PBEAM +143	143 NO	1.0	2.660 1. 2.800	54.50 61.49	.001	+143 +143A
+8 +8A PBEAM	NO 0. 9	1. 2 1980.0009400.0003900.000	5250.	+9	+143A PBEAM	0. 144	1.	0513 2.800 1.	61.49	.001	+144
+9 +9A	NO 0.	1.0 9400.0003887.062 1.		+9A	+144 +144A	NO 0.	1.0	3.080 0952	76.54		+144A +145
PBEAM +10	10 NO	2 1980.0009400.0003887.062 1.0 10100.003670.000	5250.	+10 +10A	PBEAM +145	145 NO 0.	1.0	3.080 1. 3.080	76.54 76.54	.001	+145A
+10A PBEAM	0. 11	1. 2 1980.00010100.003670.000 1.0 1000.0003691.000	5250.	+11 +11A	+145A PBEAM +146	146 NO	1. 2 1.0	.990 1. 1.017	44.68 47.44	.001	+146 +146A
+11 +11A PBEAM	NO 0. 12	1. 2 1980.0001000.0003691.000	5250.	+12	+146A PBEAM	0. 147	1.	0269 1.017 1.	34.25	.001	+147
+12 +12A	NO 0.	1.0 9600.0003700.000 1.		+12A	+147 +147A	NO 0.	1.0	1.620 4573	103.19	001	+147A +148
PBEAM +13	13 NO	2 1980.0009600.0003700.000 1.0 8750.0003780.000	5250.	+13 +13A	PBEAM +148	148 NO 0.	2 1.0 1.	1.500 1. 1.8752222	24.08 39.37	.001	+148A
+13A PBRAM	0.	1. 1980.0008750.0003780.000	5250.	+14 +14A	+148A PBEAM +149	149 NO	1.0	1.875 1. 2.250	39.37 59.52	.001	+149 +149A
+14 +14A PBEAM	NO 0. 15	1.0 8123.6303590.000 1. 2 1980.0008123.6303590.000	5250.	+15	+149A PBEAM	0. 150	1.	1818 1.125 1.	44.13	.001	+150
+15 +15A	NO 0.	1.0 7200.0003340.000 1.		+15A	+150 +150A	NO 0.	1.0	3099	87.37		+150A
PBEAM +16	16 NO	2 1980.0007200.0003340.000 1.0 6425.0001872.000	5067.5	+16 +16A	PBEAM +151	151 NO	1.0	1.538 1. 1.750	86.52 115.17	.001	+151 +151A
+16A PBEAM	0. 17	1. 2 1980.0006425.0 1872.00	4910.0	+17	+151A PBEAM +152	0. 152 NO	1. 2 1.0	1293 1.750 1. 1.750	115.17 115.17	.001	+152 +152A
+17 +17A	NO 0.	1.0 1980.0006375.0 1791.00 10000 2 1980.0006375.0 1791.00	4725.0	+17A +18	+152A PBEAM	0. 153	1.	.0000 14.000 1.	129.80	.001	+153
PBEAM +18 +18A	18 NO 0.	1.0 1980.0006200.0 1470.00 10000	1.23.0	+18A	+153 +153A	NO 0.	1.0	14.000	129.80		+153A
PBEAM +19	19 NO	2 1980.0006200.0 1470.00 1.0 1980.0006900.0 1374.00	4515.0	+19 +19A	PBEAM +15¢	154 NO	2 1.0	14.000 1. 18.000	79.18 130.90	.001	+154 +154A
+19A PBEAM	0. 20	10000 2 1980.0006900.0 1374.00	4375.5	+20		0. 160	1.	2500 30.000 .001	.001	.001	+160 +160A
+20 +20A	NO O.	1.0 1980.0008250.0 1167.00 10000	4147.5	+20A +21	+160 +160A PBEAM	NO 0. 161	1.0	30.000 .0000 1980.0001.	9999.00	.001	+161
PBEAM +21	NO	2 1980.0008250.0 1167.00 1.0 1980.0008250.0 960.00 10000	4147.5	+21A	+161 +161A	NO 0.	1.0	2970.000	9999.00	••••	+161A
+21A PBEAM +22	0. 22 NO	10000 2 1. 8250.000960.00 1.0 8250.000	3885.	+22 +22A	PBEAM +162	162 NO	2	2970.0001. 1782.000	9999.00 47 ₋ 10	.001	+162 +162A
+22A PBEAM	0.	0. 2 200.000 9999.0 99999.00	.01	+31	+162A PBEAM	0. 163	1.	1.080 1.	121.33	.001	+163
+31 PBEAM	NO 32	1.0 197.000 2 200.000 9999.0 99999.00	.01	+32	+163 +163A	NO 0. 164	1.0 1. 2	1.080 .0000 1980.0001.	99.73	.001	+163A +164
	NO 33	1.0 200.000 2 200.000 9999.0 99999.00	.01	+33	PBEAM +164 +164A	NO 0.	1.0	2970.000	9999.00		+164A
+33 PBEAM +34	NO 34 NO	1.0 207.000 2 200.000 9999.0 99999.00 1.0 215.000	.01	+34	PBEAM +165	165 NO	1.0	2970.0001. 1980.000	9999.00 9999.00	.061	+165 +165A
PBEAM +35	35 NO	2 200.000 9999.0 99999.00 1.0 219.000	.01	+35	+165A PBEAM	0. 166	1.	.0000 .840 1.	181.16	.001	+166
PBEAM +36	36 NO	2 200.000 9999.0 99999.00 1.0 222.000	.01	+36	+166 +166A	NO 0.	1.0	.2134	115.24 9999.00	.001	+166A +167
PBEAM +37	37 NO	2 1980.0009999.0 9999.00 1.0 1188.000	.01	+37	PBEAM +167 +167A	167 NO 0.	2 1.0 1.	1980.0001. 1980.000 .0000	9999.00	.001	+167A
PBEAM +38	38 NO	2 1.970 9999.0 251.45 1.0 .950 49.35 2 4.140 9999.0 323.80	.01	+38	PBBAM +168	168 NO	1. 2 1.0	1.400 1. 1.100	239.03 139.10	.001	+168 +168A
PBEAM +39	39 NO	2 4.140 9999.0 323.80 1.0 2.140 123.20			+168A	0.	1.	.2400	-		

										620206	13.539		+1031A
PBEAM +169	169 NO	2 1.0	4.200 1. 3.210	20.00 20.00	.001	+169 +169A	+1031 +1031A	NO 0.	1.	.638206 -5.84-	2		
+169A	0. 170	1.	.0000 3.210 1.	20.00	.001	+170	PBEAM +1033	1033 NO	2 1.	0.0327 1. 0.03526	5, 4 0.529		+1033 +1033A
PBEAM +170	NO	1.0	3.300	20.00		+170A	+1033A PBEAM	0. 1034	1.	-7.53- .461906 1.	2 13.539		+1034
+170A PBEAM	0. 171	1. 2	.0000 1980.0001.	9999.00	.001	+171	+1034	NO	1.	.371385	8.407		+1034A
+171 +171A	NO 0.	1.0	1980.000	9999.00		+171A	+1034A PBEAM	0. 1035	1.	0.1134 1.	.241		+1035 +1035A
PBEAM +172	172 NO	2 1.0	1.230 1. 1.000	84.87 57.12	.001	+172 +172A	+1035 +1035A	NO 0.	1. 1.	0.0864	.140		
+172A	0.	1.	.2063 1.125 1.	41.92	.001	+173	PBEAM +1036	1036 NO	2 1.	.371385 1. .208421	7.726 2.466		+1036 +1036A
PBEAM +173	173 NO	1.0	1.188	16.53	.001	+173A	+1036A PBEAM	0. 1037	1.	.562 0.0864 l.	.140		+1037
+173A PBEAM	0. 174	1. 2	05 4 1	12.63	.001	+174	+1037	NO 0.	1.	0.06364	.0759		+1037A
+174 +174A	NO 0.	1.0	1.063	23.78		+174A	+1037A PBEAM	1038	1.	0.54612 1. 0.58212	5.551		+1038 +1038A
PBEAM +175	175 NO	2 1.0	1059.3001. 841.500	9999.00 9999.00	.001	+175 +175A	+1038 +1038A	NO 0.	1. 1.	-6.38-			
+175A	0. 176	1.	.0000 75.000 1.	2.98	.001	+176	PBEAM +1039	1039 NO	2 1.	0.19404 1. 0.15936	4.814 2.212		+1039 +1039A
PBEAM +176	NO	1.0	79.000	12.10		+176A	+1039A PBEAM	0. 1040	1.	.196 0.15936 l.	2,212		+1040
+176A PBEAM	0. 177	1. 2	79.000 1.	12.10	.001	+177 +177A	+1040 +1040A	NO 0.	1.	0.1296	.140		+1040A
+177 +177A	NO 0.	1.0	82.000 .0000	29.71			PBEAM	1041	2	0.216 1. 0.1411	.233		+1041 +1041A
PBEAM +178	178 NO	2 1.0	82.000 1. 85.000	29.71 29.71	.001	+178 +178A	+1041 +1041A	NO 0.	1.	.419			
+178A PBEAM	0. 179	1.	.0000 85.000 9999.0	46.06	.001	+179	PBEAM +1043	1043 NO	2 1.	.1148 1. .118531	.239 .255		+1043 +1043A
+179	NO	1.0	90.000 9999.0	46.06	.001	+180	+1043A PBEAM	0. 1045	1.	-3.20- 0.02716 1.	2 3.2		+1045
PBEAM +180	190 NO	1.0	55.800	31.90			+1045 +1045A	NO 0.	1.	0.02891 -6.24-	0.119		+1045A
PB5AM +181	181 NO	2 1.0	990.000 1.	9999.00	.001	+181	PBEAM	1046	2	.118531 1.	.255 .193		+1046 +1046A
PBEAM +182	182 NO	2 1.0	990.000 1.	9999.00	.001	+182	+1046 +1046A	NO 0.	1.	.140			+1047
PBEAM +1001	1001 NO	2	1.34778 1. 1.32951	14.325 14.209		+1001 +1001A	PBEAM +1047	1047 NO	2 1.	0.02568 1. 0.02513	0.001		+1047 +1047A
+1001A	0.	1.	1.36-2 1.32951 1.	14.209		+1002	+1047A PBEAM	0. 1048	1.	2.16-2 .103033 1.	.193		+1048
PBEAM +1002	1002 NO	1.	1.23648	13.640		+1002A	+1048 +1048A	NO 0.	1.	.082328	.123		+1048A
+1002A PBEAM	0. 1003	1. 2	7.25-2 1.23648 1.	13.640		+1003	PBEAM	1049 NO	2	.082328 1.	.637 .953		+1049 +1049A
+1003 +1003A	NO 0.	1.	1.09137	12.836		+1003A	+1049 +1049A	0.	1.	.435	.952		+1050
PBEAM +1004	1004 NO	2 1.	1.09137 1. 0.85176	12.836 11.727		+1004 +1004A	PBEAM +1050	1050 NO	2 1.	12.9 I. 2.9	.15		+1050A
+1004A PBEAM	0. 1005	1.	.247 0.85176 l.	11.727		+1005	+1050A PBEAM	0. 1051	1. 2	1.266 0.41616 1.	4.768		+1051
+1005 +1005A	NO 0.	i. 1.	0.57309	10.782		+1005A	+1051 +1051A	NO 0.	1. 1.	0.39888	4.214		+1051A
PBEAM	1007	2	0.5201 1. 0.5704	4.137 4.188		+1007 +1007A	PBEAM +1052	1052 NO	2 1.	0.28808 1. 0.22399	3.968 2.323		+1052 +1052A
+1007 +1007A	NO 0.	1.	-9.23-	2		+1009	+1052A PBEAM	0. 1053	1.	.250 0.22399 1.	2.323		+1053
PBEAM +1009	1009 NO	2 1.	0.05068 1. 0.05704	7.4		+1009A	+1053	NO 0.	1.	0.13195	.877		+1053A
+1009A PBEAM	0. 1010	1.	118 0.68448 1.	11.387		+1010	+1053A PBEAM	1054	2	10.15 1.	1.104		+1054 +1054A
+1010 +1010A	NO 0.	1. 1.	0.65988 3.66-2	10.584		+1010A	+1054 +1054A	NO 0.	1.	1.261			+1056
PBEAM +1011	1011 NO	2 1.	0.65988 1. 0.58224	3.834 3.781		+1011 +1011A	PBEAM +1056	1056 NO	2 1.	0.0772 1. .07868	.112 .116		+1056A
+1011A PBEAM	0. 1012	1.	.125 0.4852 1.	2.985		+1012	+1056A PBEAM	0. 1057	1. 2	-1.90- 0.07868 1.	2 .116		+1057
+1012	NO D.	1.	0.3817	3.085		+1012A	+1057 +1057A	NO 0	1. 1.	0.06116	.0701		+1057A
+1012A PBEAM	1013	2	0.3817 1.	4.113 3.779		+1013 +1013A	PBEAM +1058	1058 NO	2 1.	0.06116 1. .0332	.587 .173		+1058 +1058A
+1013 +1013A	NO 0.	1.	0.2527			+1014	+1058A PBEAM	0.	1.	.593 8.3 1.	.173		+1059
PBEAM +1014	1014 NO	2 1.	1.1795 1. 1.24325	32.608 37.764		+1014 +1014A	+1059	NO	1.	1.8	.15		+1059A
+1014A PBEAM	0. 1015	1.	-5.26- 1.24325 1.	35.291		+1015	+1059A PBEAM	0. 1060	1.	0.6004 1.	1.874	3.	+1060 +1060A
+1015 +1015A	NO 0.	1. 1.	1.26225 -1.52-	36.787 2		+1015A	+1060 +1060A	NO 0.	1.	.157			
PBEAM +1016	1016 NO	2 1.	1.0098 1. 0.897	36.787 28.514		+1016 +1016A	PBEAM +1061	1061 NO	2 1.	0.513 1. .2508	1.073 .265	2.	+1061 +1061A
+1016A PBEAM		1.	.118 0.897 1.	28.514		+1017	+1061A PBEAM	0. 1062	1. 2	.687 6.6 1.	.249		+1062
+1017	NO	ī. 1.	0.7106	17.378		+1017A	+1062 +1062A	NO 0.	1. 1.	1.5	.15		+1062A
+1017A PBEAM	1018	2	0.88825 1.	17.378		+1018 +1018A	PBEAM +1071	1071 NO	2	.563180 1. .456388	30.125 12.840		+1071 +1071A
+1018 +1018A	NO Q.	1.	0.569 .438	7.448		+1020	+1071A PBEAM		1.	.209 .682631 1.	8.277		+1072
PBEAM +1020	1020 NO	2 1.	.174168 1. .192741	2.924 3.774		+1020 +1020A	+1072	NO	1.	.665175	7.859		+1072A
+1020A PBEAM	0. 1022	1.	+.101 .004037 1.	8.0		+1022	+1072A PBEAM	0. 1073	1.	2.59-2 .554312 1.	7.859		+1073 +1073A
+1022 +1022A	NO 0.	1. 1.	.004701	3.		+1022A	+1073 +1073A		1.	.515704 7.15-2			
PBEAM +1023	1023 NO	2	.192741 1. .173225	3.774 1.931		+1023 +1023A	PBEAM +1074	1074 NO	2 1.	.58975 1. .531	14.868 6.135		+1074 +1074A
+1023A PBEAM		1.	.173225 1.	1.931		+1024	+1074A PBEAM	0. 1075	1 - 2	.105 .675834 1.	32.711		+1075
+1024	NO	1.	.137473	.991		+1024A	+1075 +1075A	NO 0.	ī.	.608902	25.555		+1075A
+1024A PBEAM	1025	1.	.137473 1.	.991		+1025 +1025A	PBEAM +1076	1076 NO	2	.74152 1. .64649	3.66 10.312		+1076 +1076A
+1025 +1025A		1.	.085198	4.751			+1076A	0.	1.	.137 0.59676 1.	12.691		+1077
PBEAM +1026	1026 NO	2 1.	0.53326 1. 0.56896	4.915 4.995		+1026 +1026A	PBEAM +1077	1077 NO	2 1.	0.50976	2.256		+1077A
+1026A PBEAM		1. 2	-6.48- 0.97536 1.	4.995		+1027	+1077A PBEAM	1078	1.	.531 1.	6.135		+1078
+1027 +1027A	NO	1.	.93792 3.91-2	4.858		+1027A	+1078 +1078A		1. 1.	.504625 5.09-			+1078A
PBEAM +1028	1028 NO	2	0.54712 1. 0.43652	4.858 2.292		+1028 +1028A	PBEAM +1079	1079 NO	2 1.	0.52481 1. 0.49517	5.541 4.933		+1079 +1079A
+1028A	0.	1.	.225 0.12472 1.	2.292		+1029	+1079A PBEAM		1.	5.81- 0.41899 1.	4.933		+1080
PBEAM +1029	1029 NO	1.	0.07392	.998		+1029 +1029A	+1080 +1080A	NO	1. 1.	0.36586	6.161		+1080A
+1029A PBEAM	0. 1031	1.	.511 .602006 1.	12.135		+1031	PBEAM	1081	2	.902630 1.	30.774		+1081

+1081	NO	1.	.842997	31.687	+1081A	+1119	NO	1.	0.35112	1.197		+1119A
+1081A PBEAM	0. 1082	1.	6.83-2 .756112 1.	9.525	+1082	+1119A PBEAM	1120	1.	0.31416 1.	1.796 1.622		+1120 +1120A
+1082 +1082A	NO 0.	1.	.694238 8.53-2	19.190	+1082A	+1120 +1120A PBEAM	NO 0. 1121	1. 1. 2	0.27047 .149 0.36593 1.	.570		+1121
PBEAM +1083	1083 NO	2 1.	0.90882 1. 0.84618 7.14-2	14.949 2.210	+1083 +1083A	+1121 +1121A	NO	1.	0.32453	.448		+1121A
+1083A PBEAM +1084	0. 1084 NO	1. 2 1.	0.9402 1. 0.8128	2.762 2.065	+1084 +1084A	PBEAM +1122	1122 NO	2	0.23987 1. 0.2193	.388		+1122 +1122A
+1084A PBEAM	0. 1085	1.	.145 0.48768 1.	2.242	+1085	+1122A PBEAM	1123	1.	8.96- 2.193 1.	0.577		+1123 +1123A
+1085 +1085A	NO 0.	1.	.200	2.251	+1085A +1086	+1123 +1123A PBEAM	NO 0. 1124	1. 1. 2	1.7255 .239 1.7255 .1	0.319		+1124
PBEAM +1086 +1086A	1086 NO 0.	2 1. 1.	0.73172 1. 0.7194 1.70-2	4.425 4.277	+1086A	+1124 +1124A	NO	1. 1.	1.411	0.186		+1124A
PBEAM +1087	1087 NO	2	0.7194 1. 0.66748	4.277 3.682	+1087 +1087A	PBEAM +1125	1125 NO	2 1.	1.411 1.	0.186 0.37		+1125 +1125A
+1087A PBEAM	0. 1088	1.	7.49-2 0.48544 1.	3.682	+1088 +1088A	+1125A PBEAM +1126	0. 1126 NO	1. 2 1.	0.290 1. 0.230	.15		+1126 +1126A
+1088 +1088A PBEAM	NO 0. 1089	1. 1. 2	0.448 8.02-2 0.616 1.	3.136 3.136	+1089	+1126A PBEAM		1.	0.230 1.	.15		+1127
+1089 +1089A	NO 0.	1.	0.59752 3.05-2	2.951	+1089A	+1127 +1127A		1.	0.180 .244 0.180 1.	.15		+1127A +1128
PBEAM +1090	1090 NO	2 1.	0.59752 1. 0.56496 5.60-2	3.319 2.968	+1090 +1090A	PBEAM +1128 +1128A	1128 NO 0.	2 1. 1.	0.150	.15		+1128A
+1090A PBEAM +1091	0. 1091 NO	1. 2 1.	.964044 1. .900046	26.163 33.946	+1091 +1091A	PBEAM +1131	1131 NO	2 1.0	24.900 1. 41.600	2.334 4.497		+1131 +1131A
+1091A PBEAM	0. 1092	1.	6.87-2 .80058 1.	8.240	+1092	+1131A PBEAM	0. 1132 NO	1. 2 1.0	502 22.300 1. 43.800	1.258		+1132 +1132A
+1092 +1092A PBEAM	NO 0. 1093	1. 1. 2	.740025 7.86-2 0.9867 1.	7.040 3.017	+1092A +1093	+1132 +1132A PBEAM		1.	651 43.800 1.		.001	+1133
+1093 +1093A	NO 0.	1.	0.9295 5.97-2	2.678	+1093A	+1133 +1133A	NO .	1.0	46.400		10	+1133A
PBEAM +1094	1094 NO	2	0.7605 1. 0.70344	2.231 1.909	+1094 +1094A	PBEAM +1134 +1134A	1134 NO 0.	2 1. 1.	46.4 100. 50.68 -8.92	13.5	10.	+1134 +1134A
+1094A PBEAM +1095	0. 1095 NO	1. 2 1.	7.80-2 0.62528 1. 0.56416	2.245 5.554	+1095 +1095A	PBEAM +1135	1135 NO	1.0	20.300 1. 39.600	1.601 5.214		+1135 +1135A
+1095A PBEAM	0. 1096	1.	.103 1.12832 1.	3.720	+1096	+1135A PBEAM	1136	1.	644 17.900 1.	1.469		+1136 +1136A
+1096 +1096A	NO 0.	1.	1.03488 8.64-2 0.58212 1.	3.138 .9936	+1096A +1097	+1136 +1136A PBEAM	NO 0. 1137	1.0 1. 2	35.300 654 35.300 1.		.001	+1137
PBEAM +1097 +1097A	1097 NO 0.	2 1. 1.	0.52038	.794	+1097A	+1137 +1137A	NO 0.	1.0	39.910 123	7.360		+1137A
PBEAM +1098	1098 NO	2 1.	0.46256 1. 0.41088	.878 .692	+1098 +1098A	PBEAM +1138	1138 NO	2 1.	39.91 100. 40.37 -1.15	10.5	10.	+1138 +1138A
+1098A PBEAM	0. 1099	1.	.118 0.56496 1. 0.50864	2.968 3.405	+1099 +1099A	+1138A PBEAM +1139	0. 1139 NO	1. 2 1.0	15.900 1. 31.800	1.286 4.283		+1139 +1139A
+1099 +1099A PBEAM	NO 0. 1100	1. 1. 2	.105	2.951	+1100	+1139A PBEAM	0. 1140	1.	667 14.000 1.	.836		+1140
+1100 +1100A	NO 0.	1. 1.	0.2702	1.360	+1100A	+1140 +1140A PBEAM	NO 0. 1141	1.0 1. 2	28.200 673 28.200 1.	2.827	.001	+1140A +1141
PBEAM +1101 +1101A	1101 NO 0.	2 1. 1.	0.2895 1. 0.237	1.434 1.561	+1101 +1101A	+1141 +1141A	NO	1.0	32.160	4.634		+1141A
PBEAM +1102	1102 NO	2	.803494 1. .756148	19.105 18.318	+1102 +1102A	PBEAM +1142	1142 NO	2 1.	32.16 100. 32.70	7.94	10.	+1142 +1142A
+1102A PBEAM	0. 1103 NO	1. 2 1.	6.07-2 .868368 1. .808308	3.7 3.656	+1103 +1103A	+1142A PBEAM +1143	0. 1143 NO	1. 2 1.0	-1.67 12.800 1. 26.050	.537 1.860		+1143 +1143A
+1103 +1103A PBEAM	0. 1104	1.	7.16-2 0.56848 1.	7.616	+1104	+1143A PBEAM	0. 1144	1.	682 11.190 1.	.541		+1144
+1104 +1104A	NO 0.	1.	0.53648 5.79-2	2.977	+1104A +1105	+1144 +1144A PBEAM	NO 0. 1145	1.0 1. 2	23.000 691 23.000 1.	1.894	.001	+1144A +1145
PBEAM +1105 +1105A	1105 NO 0.	2 1. 1.	0.53648 1. 0.49888 7.26-2	1.985 2.015	+1105A	+1145 +1145A	NO	1.0	25.560	3.414		+1145A
PBEAM +1106	1106 NO	2 1.	0.49888 1. 0.4536	2.217 2.014	+1106 +1106A	PBEAM +1146	1146 NO	2 1.	25.56 100. 27.16 -6.07	6.5	10.	+1146 +1146A
+1106A PBEAM	0. 1107	1.	9.51-2 0.70875 1. 0.664	2.009 1.764	+1107 +1107A	+1146A PBEAM +1147	0. 1147 NO	1. 2 1.0	9.060 1.	.492 1.700		+1147 +1147A
+1107 +1107A PBEAM		1. 1. 2	6.52-2 0.3984 1.	.670	+1108	+1147A PBEAM	0. 1148	1.	7.640 1.	.210		+1148
+1108 +1108A		1.	0.37695 5.53-2	.600	+1108A +1109	+1148 +1148A PBEAM	0.	1.0 1. 2	17.500 784 17.500 1.	.929	.001	+1148A +1149
PBEAM +1109 +1109A	NO	2 1. 1.	0.37695 1. 0.3324 .126	.600 1.367	+1109A	+1149 +1149A	NO	1.0	18.620 062	1.942		+1149A
	1110 NO	2	0.35456 1. 0.31472	1.367 .368	+1110 +1110A	+1150	1150 NO	2 1.	18.62 100. 19.3	4.32	10.	+1150 +1150A
+1110A PBEAM	1111	1.	.119 0.15736 1. 0.1264	.242 1.156	+1111 +1111A	+1150A PBEAM +1151	1151	1. 2 1.0	7.100 1. 16.900	-2 .042 .269		+1151 +1151A
+1111 +1111A PBEAM		1. 1. 2	.218 0.1728 1.	.303	+1112	+1151A		1.	817 22.300 1.	1.150		+1152
+1112 +1112A	NO 0.	1. 1.	0.16064 7.29-2	.262	+1112A	+1152 +1152A		1.0 1. 2	24.900 110 20.300 1.	1.440		+1152A +1153
PBEAM +1113 +1113A	NO	2 1. 1.	0.16064 1. 0.13784 .153	.222 .163	+1113 +1113A	+1153 +1153	NO	1.0	22.300094	1.150		+1153A
PBEAM +1114	1114	2	0.13784 1. 0.12232	.148 .117	+1114 +1114A	PBEAM +1154	1154 No	2 1.0	17.900 1. 20.300	.630 .870		+1154 +1154A
+1114A PBEAM	1115	1.	0.12232 1.	.117	+1115 +1115A	+1154A PBEAM +1155	1155	1. 2 1.0	126 15.900 1. 17.900	.470 .630		+1155 +1155A
+1115 +1115A PBEAM	NO 0. 1116	1. 1. 2	0.108 .124 .337714 1.	.991 19.909	+1116	+1155A PBEAM	0. 1156	1. 2	118 14.000 1.	.340		+1156
+1116 +1116A	NO 0.	1. 1.	.312716 7.69-2	19.868	+1116A	+1156	١ ٥.	1.0 1. 2	15.900 12' 12.800 1.	.470 .260		+1156A +1157
PBEAM +1117	1117 NO 0.	2 1. 1.	0.85918 1. 0.77384 .105	3.590 3.626	+1117 +1117A	+1157 +1157		1.0 1.	14.000	.340		+1157A
+1117A PBEAM +1118	1118 NO	1. 2 1.	0.54624 1. 0.49872	6.20 2.937	+1118 +1118A	PBEAM +1158	1158 NO	2 1.0	11.190 1. 12.800	.280 .260		+1158 +1158A
+1118A PBEAM	0.	1.	9.10-2 0.39482 1.		+1119	+1158A PBEAM	1159	2.	9.060 1.	.260		+1159

			200		+1159A	+1206	NO	1.0	7.530		.03700		+1206A
+1159 NO +1159A 0.	1.0	11.190			+1160	+1206A PBEAM		1.	7.530	.3859 1.	.03700	.265	+1207
PBEAM 1160 +1160 NO	1.0	7.640 1. 9.060	.170 .260		+1160A	+1207 +1207A	NO	1.0	3.950	.6237	.00590		+1207A
+1160A 0. PBEAM 1161	1.	7.100 1.	.120		+1161 +1161A	PBEAM +1208	1208 NO	2	12.820 12.820	1.	1.20000	.265	+1208 +1208A
+1161 NO +1161A O.	1.0	7.640	.170 73		+1162	+1208A PBEAM		1.	12.820	.0000	1.20000	.265	+1209
PBEAM 1162 +1162 NO	1.0	43.800 1. 41.600	5.189 5.636		+1162A	+1209 +1209A	NO	1.0	10.280	.2199	.07100		+1209A
+1162A 0. PBEAM 1163	1.	39.600 1.	4.049 5.170		+1163 +1163A	PBEAM +1210	1210 NO	1.0	10.280 6.960	1.	.07100	.265	+1210 +1210A
+1163 NO +1163A O.	1.0	43.800 1 35.300 1.			+1164	+1210A PBEAM		1.	6.960	.3852 1.	.02500	.265	+1211
PBEAM 1164 +1164 NO	1.0	39.600	4.049		+1164A	+1211 +1211A	NO	1.0	3.640	.6264	.00370		+1211A
+1164A 0. PBEAM 1165 +1165 NO	1. 2 1.0	31.800 1. 35.300	2.364		+1165 +1165A	PBEAM +1212	1212 NO	2 1.	0.7055 0.63	100.	0.32	.001	+1212 +1212A
+1165 NO +1165A 0. PREAM 1166	1.	1 28.200 1.			+1166	+1212A PBEAM	0. 1213	1.	12.600	.113	.70000	.265	+1213
+1166 NO +1166A 0.	1.0	31.800	2.354		+1166A	+1213 +1213A		1.0	11.690	.0749	.70000		+1213A
PBEAM 1167 +1167 NO	2	26.050 1. 28.200	1.444		+1167 +1167A	PBEAM +1214	1214 NO	2 1.0	11.690 9.420	1.	.70000 .05530	.265	+1214 +1214A
+1167A 0. PBEAM 1168	1. 2	23.000 1.	1.274		+1168	+1214A PBEAM	1215	1.	9.420	.2151 1.	.05530	.265	+1215 +1215A
+1168 NO +1168A 0.	1.0	26.050 1			+1168A	+1215 +1215A		1.0 1. 2	6.360 6.360	.3878 1.	.01900	.265	+1216
PBEAM 1169 +1169 NO	2 1.0	19.800 1. 23.000	1.019		+1169 +1169A	+1216 +1216A	1216 NO 0.	1.0	3.330	.6254	.00290	1203	+1216A
+1169A 0. PBEAM 1170	1. 2	17.500 1.	.706		+1170 +1170A	PBEAM +1217	1217 NO	2	11.400 10.620	1.	.40000	.265	+1217 +1217A
+1170 NO +1170A 0.	1.0	19.800	1.007 23 .588		+1171	+1217A PBEAM		1.	10.620	.0708 1.	.40000	.265	+1218
PBEAM 1171 +1171 NO +1171A 0.	1.0	16.900 1. 17.5000	.709		+1171A	+1218 +1218A	NO	1.0	8.570	.2137	.01970		+1218A
+1171A 0. PBEAM 1181 +1181 NO	1. 2 1.	0.341 100		.001	+1181 +1181A	PBEAM +1219	1219 NO	2 1.0	8.570 5.750	1.	.01970 .00760	.265	+1219 +1219A
+1191A 0. PBEAM 1182	1.	1.604 1.		.265	+1182	+1219A PBEAM	0. 1220	1.	5.750	.3939 1.	.00760	.265	+1220
+1182 NO +1182A O.	1.0	1.365	70.00000		+1182A	+1220 +1220A		1.0	2.990	.6316	.00130		+1220A
PBEAM 1183 +1183 NO	2	68.240 1. 53.180	70.00000 18.30000	.265	+1183 +1183A	PBEAM +1231	1231 NO	1.0	.189 .614	1.	2.20872 25.02095	3.000	+1231 +1231A
+1183A 0. PBEAM 1184	1. 2	1.064 1.	18.30000	.265	+1184	+1231A PBEAM	1232	1.	.280 .315	-1.0587 1.	1.74280 2.20872	2.000	+1232 +1232A
+1184 NO +1184A 0.	1.0	.715	5.30000	0.00	+1184A	+1232 +1232A PBEAM	NO 0. 1233	1.0 1. 2	.152	1169 1.	1.15839	.900	+1233
PBEAM 1185 +1185 NO	1.0	.715 1. .370	5.30000 .65000	.265	+1185 +1185A	+1233 +1233A	NO	1.0	.168	1018	1.42177		+1233A
+1185A 0. PBEAM 1186	1. 2	22.130 1. 21.000	7.00000 7.00000	.265	+1186 +1186A	PBEAM +1234	1234 NO	2	.226 .253	1.	.74641 .93783	.700	+1234 +1234A
+1186 NO +1186A 0. PBEAM 1187	1.0 1. 2	.05 21.000 1.		.265	+1187	+1234A PBEAM		1.	.125	1127 1.	.55802	.400	+1235
+1187 NO +1187A 0.	1.0	16.200	.95000		+1187A	+1235 +1235A	NO	1.0	.136	0779	.65330		+1235A
PBEAM 1188 +1188 NO	2 1.0	16.200 1. 10.900	.95000 .30000	.265	+1188 +1188A	PBEAM +1236	1236 NO	2 1.0	.115 .125	1.	.40738 .48321	.300	+1236 +1236A
+1188A 0. PBEAM 1189	1.	10.900 1.	.30000	.265	+1189	+1236A PBEAM	1237	1.	.175	0837 1.	.28956	.150	+1237 +1237A
+1189 NO +1189A 0.	1.0	5.690		***	+1189A	+1237 +1237A		1.0 1. 2	.192	0922 1.	.34903	.075	+1239
PBEAM 1190 +1190 NO	1.	3.414 100 2.802	1.0	.001	+1190 +1190A	PBEAM +1238 +1238A	1238 NO 0.	1.0	.105	0959	.24515	••••	+1238A
+1190A 0. PBEAM 1191 +1191 NO	1. 2 1.0	18.680 1. 18.680	5.80000 5.80000	.265	+1191 +1191A	PBEAM +1241	1241 NO	2	16.200 53.180	1.	.01850 .26000	3.000	+1241 +1241A
+1191A 0. PREAM 1192	1.	18.680 1.		.265	+1192	+1241A PBEAM		1.	14.740	-1.0660 1.	.01400	2.000	+1242
+1192 NO +1192A O.	1.0	14.740	.28300		+1192A	+1242 +1242A		1.0	16.200	0944	.01850		+1242A
PBEAM 1193 +1193 NO	2 1.0	14.740 1. 9.990	.28300 .09600	.265	+1193 +1193A	PBEAM +1243	1243 NO	1.0	13.370 14.740	1.	.00940 .01400	.900	+1243 +1243A
+1193A 0. PBEAM 1194	1.	9.990 1.	.09600	-265	+1194	+1243A PBEAM	1244	1.		0975 1.	.00690	.700	+1244 +1244A
+1194 NO +1194A 0.	1.0	5.250		265	+1194A +1195	+1244 +1244A PBEAM	NO 0. 1245	1.0 1. 2	13.370	.0000	.00940	.400	+1245
PBEAM 1195 +1195 NO	1.0	35.960 1. 33.740	5.14100 5.13000	.265	+1195A	+1245 +1245A	NO	1.0	13.370	1829	.00690		+1245A
+1195A 0. PBEAM 1196 +1196 NO	1. 2 1.0	33.740 1. 26.740	5.13000 .22400	.265	+1196 +1196A	PBEAM +1246	1246 NO	2 1.0	10.280 11.130	1.	.00330	.300	+1246 +1246A
+1196A 0. PBEAM 1197	1.	26.740 1.		.265	+1197	+1246A PBEAM	1247	1.	9.420	0794 1.	.00210	.150	+1247
+1197 NO +1197A 0.	1.0	18.100	.07510		+1197A	+1247 +1247A		1.0	10.280	0873	.00330	075	+1247A +1248
PBEAM 1198 +1198 NO	2 1.0	18.100 1. 9.500	.07510	.265	+1198 +1198A	PBEAM +1248	1248 NO	1.0	8.570 9.420	1. 0945	.00150 .00210	.075	+1248A
+1198A 0. PBEAM 1199	1. 2	0.924 10	0.32	.001	+1199	+1248A PBEAM	0. 1251 NO	1. 2 1.0	10.900 35.740	1.	.00604	3.000	+1251 +1251A
+1199 NO +1199A 0.	1.	0.7535 .20 15.070 1.	0.25 3.20000	.265	+1199A +1200	+1251 +1251A PBEAM		1.	9.990	-1.0652 1.		2.000	+1252
PBEAM 1200 +1200 NO	2 1.0 1.	15.070	3.20000	.203	+1200A	+1252 +1252	NO	1.0	10.900	0871	.00604		+1252A
+1200A 0. PBEAM 1201 +1201 NO	1.0	15.070 1. 13.370	3.20000 .17300	.265	+1201 +1201A	PBEAM +1253	1253 NO	2	9.050 9.990	1.	.00315	.900	+1253 +1253A
+1201A 0. PBEAM 1202	1.		.17300	.265	+1202	+1253A PBEAM	0. 1254	1.	8.120	0987 1.	.00232	.700	+1254
+1202 NO +1202A 0.	1.0	8.120	.05600		+1202A	+1254 +12542		1.0	9,050	1083	.00315	400	+1254A
PBEAM 1203 +1203 NO	2 1.0	8.120 1. 4.260	.05600	.265	+1203 +1203A	PBEAM +1255	1255 NO	1.0	7.530 8.120	1. 0754	.00149 .00232	-400	+1255 +1255A
+1203A 0. PBEAM 1204	1.	15.940 1.	2.00000	.265	+1204	+1255/ PBEAM +1256	NO. 1256 NO	1. 2 1.0	6.960 7.530	1.	.00112	.300	+1256 +1256A
+1204 NO +1204A 0.	1.0		2.00000 339 2.00000	.265	+1204A +1205	+1256 +1256/ PBEAM		1.0	6.360	0787 1.	.00074	.150	+1257
PBEAM 1205 +1205 NO	2 1.0	13.940 1. 11.130	.10800	.200	+1205A	+1257 +1257	NO	1.0	6.960	~.0901	.00112		+1257A
+1205A 0. PBEAM 1206	1. 2	11.130 1.	.10800	.265	+1206	PBEAM		2	5.750	1.	.00049	.075	+1258

										_			24 622	.001	+2051
+1258	NO	1.0	6.360	1007	.00074		+1258A	PBEAM +2051	2051 NO	2 1.	166.334 150.000		34.600 18.200	.001	72031
+1258A PBEAM	0. 1261	1. 2	5.690	1007 1.	.00089	3.000	+1261	PBEAM	2052	2	150.000	1.	18.200	.001	+2052
+1261	NO	1.0	18.490		.01210		+1261A	+2052	NO	1.	133.800		1.860	.001	+2053
+1261A	0.	1.		-1.0587	.00068	2.000	+1262	PBEAM +2053	2053 NO	2 1.	133.800 119.900		1.840	.001	. 2033
PBEAM +1262	1262 NO	2 1.0	5.250 5.690	1.	.00089	2.000	+1262A	PBEAM	2054	2	119.900	1.	1.430	.001	+2054
+1262A	0.	1.		0804				+2054	NO	1.	105.994 105.994		1.021	.001	+2055
PBEAM	1263	2		1.	.00047	.900	+1263 +1263A	PBEAM +2055	2055 NO	2 1.		1.	.632	.001	. 2000
+1263 +1263A	NO 0.	1.0	5.250	1000	.00000		1220011	PBEAM	2056	2	92.900	1.	.632	.001	+2056
PBEAM	1264	2	4.260	1.	.00035	.700	+1264	+2056	NO 2057	1.	79.720 79.720	1.	.350 .310	.001	+2057
+1264	МО	1.0	4.750	1098	.00047		+1264A	PBEAM +2057	NO	2 1.		1.	.204		
+1264A PBEAM	0. 1265	1. 2	3.950	1.	.00023	.400	+1265	PBEAM	2058	2		1.	.204	.001	+2058
+1265	NO	1.0	4.260		.00035		+1265A	+2058	NO 3001	1.	49.451 15.8	1.	.099 9999.	.001	+3001P
+1265A	0.	1.		0755 1.	.00017	.300	+1266	PBEAM +3001P	NO	1.	22.	1000.	2277.	••••	+3001PA
PBEAM +1266	1266 NO	2 1.0	3.950	1.	.00023	.500	+1266A	+3001PA	. 0.	1.		328			+30029
+1266A	0.	1.		0817			+1267	PBEAM +3002P	3002 NO	2 1.	100. 22.	1000.	9999.	.001	+3002P +3002PA
PBEAM +1267	1267 NO	2 1.0	3.330 3.640	1.	.00011	.150	+1267A	+3002PA		i.		1.279			
+1267A	0.	1.	3.040	0890				PBEAM	3003	2	.726	1000.	2.32	.001	+3003P
PBEAM	1268	2		1.	.00008	.075	+1268 +1268A	+3003P PBEAM	NO 3004	1.	.726	1000.	3.92	.001	+3004P
+1268 +1268A	NO 0.	1.0	3.330	1076	.00011		71200A	+3004P	NO	ī.	•				
PBEAM	2001	2	2038.959	1.	2.060	.001	+2001	PBEAM	3005	2	.726	1000.	3.92	.001	+3005P
+2001	NO	1.	3806.700 3806.700		19.530 19.530	.001	+2002	+3005P PBEAM	NO 3006	1.	.726	1000.	3.92	.001	+3006P
PBEAM +2002	2002 NO	2 1.	5574.420		37.000	.001		+3006P	NO	1.				_	
PBEAM	2003	2	5574.420	1.	37.000	.001	+2003	PBEAM +3007P	3007 NO	2 1.	.726	1000.	3.92	0.	+3007P
+2003	NO	1.	3618.900 3618.900		18.660 18.660	.001	+2004	PBEAM	3008	2	.726	1000.	10.78	15.	+3008P
PBEAM +2004	2004 NO	1.	1663.335	1.	.320	••••		+3008P	NO	1.					+3009P
PBEAM	2005	2	1429.569		1.290	.001	+2005	PBEAM +3009P	3009 NO	2 1.	.726	1000.	3.92	4.5	+3009F
+2005 PBEAM	NO 2006	1. 2	3214.800 3214.800		10.645 10.645	.001	+2006	PBEAM	3131	2	23109.8	99999.	.01	.01	+3131P
+2006	NO	1.	4999.995		20.000			+3131P	NO	1.	99999.0				+3131PA
PBEAM	2007	2	4999.995		20.000	.001	+2007	+3131PA PBEAM	3132	0. 2	-1.249 99999.0	99999.	.01	.01	+3132P
+2007 PBEAM	NO 2008	1.	3331.665 3331.665		11.600 11.600	.001	+2008	+3132P	NO	ī.	22109.8				+3132PA
+2008	NO	1.	1663.335	1.	3.200			+3132PA		0.	1.276	000	0.1	.01	+3133P
PBEAM	2009	2	1117.881		.770	.001	+2009	PBEAM +3133P	3133 NO	2 1.	100.	999.	.01	.01	131331
+2009 PBEAM	NO 2010	1.	2357.640		.485 .485	.001	+2010	PBEAM	3135	2	22.	.01	26.89	.01	+3135P
+2010	NO	1.	3597.399	1.	.200			+3135P	NO	1.	22.	.01	999.	.01	+3136P
PBEAM	2011	2	3597.399 2467.530		.200 .650	.001	+2011	PBEAM +3136P	3136 NO	2 1.	22.	.01	,,,,	.01	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
+2011 PBEAM	N⊙ 2012	1. 2	2467.530		.650	.001	+2012	PBEAM	3137	2	22.	.01	10.	.01	+3137P
+2012	NO	1.	1337.661	1.	1.100	***	. 2012	+3137P PBEAM	NO 3138	1.	100.	999.	.01	.001	+3138P
PBEAM	2013	2	859.140 1864.800		.294	.001	+2013	+3138P	NO	1.	100.	,,,,			
+2013 PBEAM	NO 2014	1. 2	1864.800		.247	.001	+2014	PBEAM	3140	2	100.	14.5	.001	.001	+3140P
+2014	NO	1.	2870.527		.200		12015	+3140P PBEAM	NO 3144	1. 2	100.	.001	8.25	.001	+3144P
PBEAM +2015	2015 NO	2 1.	2870.527 1965.233		.200 .470	.001	+2015	+31449	NO NO	1.	100.		0.23		
PBEAM	2016	2	1965.233		.470	.001	+2016	PBEAM	3145	2	100.	.001	8.25	.001	+3145P +3145PA
+2016	NO	1.	1059.939		.740	.001	+2017	+3145P +3145PA	NO	1.	22.	1.279			131431K
PBEAM +2017	2017 NO	2 1.	617.482 1398.200		.108	.001	12017	PBEAM	3146	2	22.	.001	8.25	20.	+3146P
PBEAM	2018	2	1398.200	1.	.104	.001	+2018	+3146P	NO	1.	22.	.001	8.25	20.	+3147P
+2018	NO	1. 2	2178.819		.100	.001	+2019	PBEAM +3147P	3147 NO	2 1.	100.	.001	0.25		+3147PA
PBEAM +2019	2019 NO	1.	1488.000		.120			+3147PA	1			-1.279		001	
PBEAM	2020	2	1488.000		.120	.001	+2020	PBEAM +3155P	3155 NO	2 1.	100.	333.	.001	.001	+3155P
+2020 PBEAM	NO 2021	1. 2	797.200 454.845		.140 .100	.001	+2021	PBEAM	3156	2	100.	.001	.00001	.001	+3156P
+2021	NO	1.	832.800	1.	.110			+3156P	NO	1.	0.25	.001	10.	.001	+3255P
PBEAM	2022	2	832.800 1210.788		.110	.001	+2022	PBEAM +3255P	3255 NO	2 1.	.035	.001	10.	.001	,22331
+2022 PBEAM	NO 2023	1. 2	1210.788		.120	.001	+2023	PBEAM	3391	2	60.	99999.	99999.	.01	+3391P
+2023	NO	1.	852.600		.126	.001	+2024	+3391P PBEAM	NO 3405	1. 2	60.	99999.	99999	.01	+3405P
PBEAM +2024	2024 No	2 1.	852.600 494.505		.126 .131	.001	T2024	+3405P	NO	ĩ.					
PBEAM	2031	2	203.896	1.	44.200	.001	+2031	PBEAM	3407	2	60.	99999.	30.11	.01	+3407P
+2031	NO	1.	173.400		22.970 22.970	.001	+2032	+3407P PBEAM	NO 3409	1. 2	60.	99999.	99999.	249750.	+3409P
PBEAM +2032	2032 NO	2 1.	173.400 142.957		1.740	.001	12002	+3409P	NO	1.					
PBEAM	2033	2	142.957	1.	1.740	.001	+2033	PBEAM	4148 NO	2 1.	100.	25.	.001	.001	+4148P
+2033 PBEAM	NO 2034	1.	127.400 127.400		1.339 1.339	.001	+2034	+4148P PBEAM	4151	2	100.	.001	25.	16.	+4151P
+2034	NO	1.	111.788		.937			+4151P	NO	1.				***	+5002
PBEAM	2035	2	111.788		.937	.001	+2035	PBEAM +5002	5002 NO	2 1.0	.920		606.050 655.500	640.	+5002 +5002A
+2035 PBEAM	NO 2036	1. 2	98.900 98.900		.714 .714	.001	+2036	+5002 +5002A	0.	1.0					
+2036	NO	ī.	85.914		.490			PBEAM	5051	2	4.140		03625.000	5250.	+5051 +5051A
PBEAM	2037	2		1.	.490	.001	+2037	+5051 +5051A	NO 0.	1.0		8000.00	04172_000		+3031A
+2037 PBEAM	NO 2038	1. 2		1.	.395 .395	.001	+2038	PBEAM	5052	2	4.140		04172.000	5250.	+5052
+2038	NO	1.	61.748	1.	.300		. 2022	+5052 +5052A	NO O.	1.0		8000.00	04245.000		+5052A
PBEAM	2039 NO	2 1.	61.748 53.600	1.	.300 .205	.001	+2039	PBEAM	5053	2	4.140	8000.00	04245.000	5250.	+5053
+2039 PBEAM	2040	2	53.600	1.	.205	.001	+2040	+5053	NO	1.0		8000.00	04263.000		+5053A
+2040	NO	1.	45.484	1.	.110 61.000	.001	+2041	+5053A PLOTEL	0. 25	1. 283	407				
PBEAM +2041	2041 NO	2 1.	557.442 528.700		34.500	.001	12011	PLOTEL		281	409				
PBEAM	2042	2	528.700	1.	34.500	.001	+2042	PSHEAR	71	2	.0611				
+2042	NO	1.	500.000		8.000 2.100	.001	+2043	PSHEAR PSHEAR	72	2 2	.069325				
PBEAM +2043	2043 NO	2 1.	429.900		1.750			PSHEAR	74	2	.069325				
PBEAM	2044	2	129.900	1.	1.750	.001	+2044	PSHEAR		2	.0611 .055812				
+2044	NO 2045	1.	359.740 359.740		1.400 1.400	.001	+2045	PSHEAR PSHEAR		2 1	.1917				
PBEAM +2045	NO	1.	323.400	1.	1.300			PSHEAR	202	1	.1570				
PBEAM	2046	2	323.400		1.300	.001	+2046	PSHEAR PSHEAR		1 1	.1347				
+2046 PBEAM	NO 2047	1. 2	287.053 287.053		1.200	.001	+2047	PSHEAR	642	2	.0382				
+2047	NO	1.	252.500	1.	.860			PSHEAR	646	2	.0382				
PBEAM	2048 NO	2	252.500 217.882		.860 .520	.001	+2048	PSHEAR PSHEAR		1	.0382				
+2048 PBEAM	NO 2049	1. 2	217.882		.520	.001	+2049	PSHEAR	652	1	.042				
+2049	NO	1.	169.500	1.	.323	001	+2050	PSHEAR PSHEAR		1	.042				
PBEAM +2050	2050 NO	2 1.	169.500 121.079		.323 .125	.001	+2434	PSHEAR		1	.04223				
. 2000								-							

PSHEAR	6 56	1	.0425			ı	RBAR	116	94	2094	123456	123
PSHEAR PSHEAR	657 658	1	.04275				RBAR RBAR	117 118	114 114	1114 2114	123456 123456	123 123
PSHEAR PSHEAR	659 660	1	.090				RBAR RBAR	119 120	121 121	1121 2121	123456 123456	123 123
PSHEAR	3158	2 601	.275				RBAR RBAR	121 122	34 40	35 41	123456 123456	123 123
PSHELL PSHELL	601 602	601	.240				RBAR RBAR	123 124	48 57	49 58	123456 123456	123 123
PSHELL PSHELL	603 604	6 01 6 01	.368 .378				RBAR	125 126	69 82	70 83	123456 123456	123 123
PSHELL PSHELL	605 606	601 606	.274				RBAR RBAR	127	115	116	123456	123 123
PSHELL PSHELL	607 608	606 606	.252 .341			1	RBAR RBAR	128 129	33 39	31 37	123456 123456	123
PSHELL PSHELL	609 610	606 606	.438				RBAR RBAR	130 131	47 56	45 54	123456 123456	
PSHELL	611	606 5	.279			1	RBAR RBAR	132 133	68 81	66 121	123456 123456	123
PSHELL PSHELL	612 613	5	.323				RBAR RBAR	215 216	275 275	1275 2275	123456 123456	123 123
PSHELL PSHELL	614 615	5 5	.384				RBAR	217 218	276 276	1276 2276	123456 123456	123 123
PSHELL PSHELL	616 617	5 5	.234				RBAR RBAR	219	280	1280	123456	123
PSHELL PSHELL	618 619	5 5	.275			1	RBAR RBAR	220 221	280 290	2280 1290	123456 123456	123 123
PSHELL PSHELL	620 621	5 5	.271				RBAR RBAR	222 223	290 292	2290 1292	123456 123456	123 123
PSHELL	622	5	.267				RBAR RBAR	22 4 225	292 293	2292 1293	123456 123456	123 123
PSHELL PSHELL	623 624	5	.253				RBAR RBAR	226 227	293 464	2293 1464	123456 123456	123 123
PSHELL PSHELL	625 626	5 5	.194			1	RBAR RBAR	228	464 465	2464 1465	123456 123456	123 123
PSHELL PSHELL	627 628	5 5	.245				RBAR	230	465	2465	123456	123 123
PSHELL PSHELL	629 630	5 5	.195 .187				RBAR RBAR	231 232	466 466	1466 2466	123456 123456	123
PSHELL PSHELL	631 632	5	.187			1	RBAR RBAR	233 234	467 467	1467 2467	123456 123456	123 123
PSHELL	633 634	5	.226				RBAR RBAR	235 236	293 290	294 291	123456 123456	123 123
PSHELL	635	5	.191				RBAR RBAR	237 238	276 298	277 195	123456 123456	123 1245
PSHELL PSHELL	636 637	2	.213				RBAR RBAR	239 1311	284 19	196 1019	123456 123456	1245 123
PSHELL PSHELL	638 639	2	.214				RBAR	1312	19 20	2019 1020	123456 123456	123 123
PSHELL PSHELL	640 641	2 2	.195 .189				RBAR RBAR	1313 1314	20	2020	123456	123
PSHELL PSHELL	643 644	2 2	.205 .205			- 1	RBAR RBAR	1315 1316	21 21	1021 2021	123456 123456	123 123
PSHELL PSHELL	645 647	2	.200				RBAR RBAR	1317 1318	22 22	1022 2022	123456 123456	123 123
PSHELL	648	2 2	.400				RBAR RBAR	1319 1320	23 23	1023 2023	123456 123456	123 123
PSHELL	649 661	1	.219				RBAR RBAR	1321 1322	24 24	1024 2024	123456 123456	123 123
PSHELL PSHELL	662 663	1	.169			1	RBAR	1323	25 25	1025 2025	123456 123456	123 123
PSHELL	664 665	1	.207				RBAR	1325	26	1026	123456 123456	123 123
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RBAR	1452	î	2001	123456	123	- 1	RBAR	1572	142	2142	123456	123
RBAR	1453	2	1002	123456	123	1	RBAR	2235	501	1501	123456	123
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RBAR	1456	3	2003	123456	123		RBAR	2238	502 503	2502 1503	123456 123456	123
RBAR	1457	4	1004	123456	123 123		rbar Rbar	2239 2240	503	2503	123456	123
RBAR RBAR	1458 1459	4 5	2004 1005	123456 123456	123		RBAR	2241	504	1504	123456	123
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										SPC1	5	456	1125	1126	1127			
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RBAR	3426	3208	3209		261	362	364	367		SPC1	5	456	2007	2008	2010	2012	2014	2016
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SPC1	•		3009	204	202					SPC1	5	456	2102	2103	2104	2105	2106	2107
SPC1	5	4	3077							SPC1	5	456	2108	2109	2110	2111	2112	2113
SPC1	5			256	261	262	266			SPC1	5	456	2125	2126	2127			
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SPC1	5	456	1018	1173	1174	1175	1176	11//		SPC1	5	456	2143					
SPC1	5	456	1019	THRU	1027					SPC1	Š	456	2178	2179	2180	2194		
SPC1	5	456	1029	1030	1032	1033	1038	1039		SPC1	5	456	2181	THRU	2193			
SPCI	5	456	1031	1034	1037	1040	1045	1048				456	2242	2243	2244	2245		
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	5	456	1094	1114	1121					SPCADD	1	3	5					
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